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THE ALASKA ECONOMIC INFORMATION AND REPORTING SYSTEM

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STATE OF ALASKA
JAY HAMMOND, GOVERNOR

RONALD LEHR, DIRECTOR
DIVISION OF BUDGET AND MANAGEMENT

Forecasts Prepared By
ELLIOT WETZLER
ECONOMIST

Profiles Prepared By
KAREN KEITH
RESEARCH ANALYST

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FOREWORD

During the past several months, we have developed econometric models of Anchorage, Fairbanks, Juneau and the 'Rest-of-Alaska' that generate employment forecasts by industrial sector. These are incorporated in this Supplement edition of the AEIRS for the first time. These community forecasts will become a regular feature of the AEIRS Quarterly.

In this report, we present our current "best judgment" forecast of the three largest Alaskan metropolitan area economies. While these are econometric forecasts derived from recently developed quarterly regional econometric models, they are not solely the product of those models. When appropriate, we have adjusted the forecasts to account for recent information on the pace of economic activity, and have fine-tuned the models where necessary. These are standard practices which reflect the fact that economic model building remains an imperfect art.

The Anchorage, Fairbanks, and Juneau census divisions and 'Rest-of-the-State' forecasts are consistent with the statewide base case forecast presented in the August '82 AEIRS Quarterly. A summary of that report is provided in this Supplement edition. The metropolitan area forecasts will become a regular feature of the AEIRS Quarterly.

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SUMMARY OF AUGUST 1982 AEIRS

Persistent weakness in world crude oil demand has caused oil prices to decline, thus substantially reducing the Department of Revenue (DR) March forecast of Alaska petroleum revenues for FY83 and FY84. Projected State petroleum revenues, net of the Permanent Fund contribution, dropped from an estimated $3.607 billion to $2.339 billion for FY83, and from $4.408 billion to $2.545 billion for FY84. Thus, this sizeable reduction in State revenue estimates is a major negative factor directly affecting employment in Alaska.

Major oil companies have revised downward their plans for extensive drilling and exploration activities on the North Slope and in the Beaufort Sea. However, this revision may be largely offset by State capital expenditures. A large number of State-authorized capital projects suggest greater nonpetroleum construction activity in 1982 and 1983 than was experienced in 1981. Total construction activity is expected to be modestly higher in 1982 as compared to 1981.

A record salmon catch of 135 million fish was forecasted for the 1982 season by Alaska Department of Fish and Game (ADF&G) (Division of Commercial Fisheries). This catch would exceed the previously recorded all-time high catch of 126.5 million salmon made in 1936, and the second largest recorded catch of 113.4 million salmon made in 1934. However, due to major changes in demand outlook which took place after the December, 1981 ADF&G forecast, our base case forecast assumes a smaller salmon catch in 1982 than in 1981, with a consequent reduction in fish and seafood processing employment.

During 1981, recessionary conditions in the Japanese housing industry reduced Alaska's timber harvest significantly over 1980. While Japan's economy shows signs of modest recovery, the housing industry gives no indication of improvement. Our base case forecast assumes the 1982 timber harvest will approximate the 1981 level.

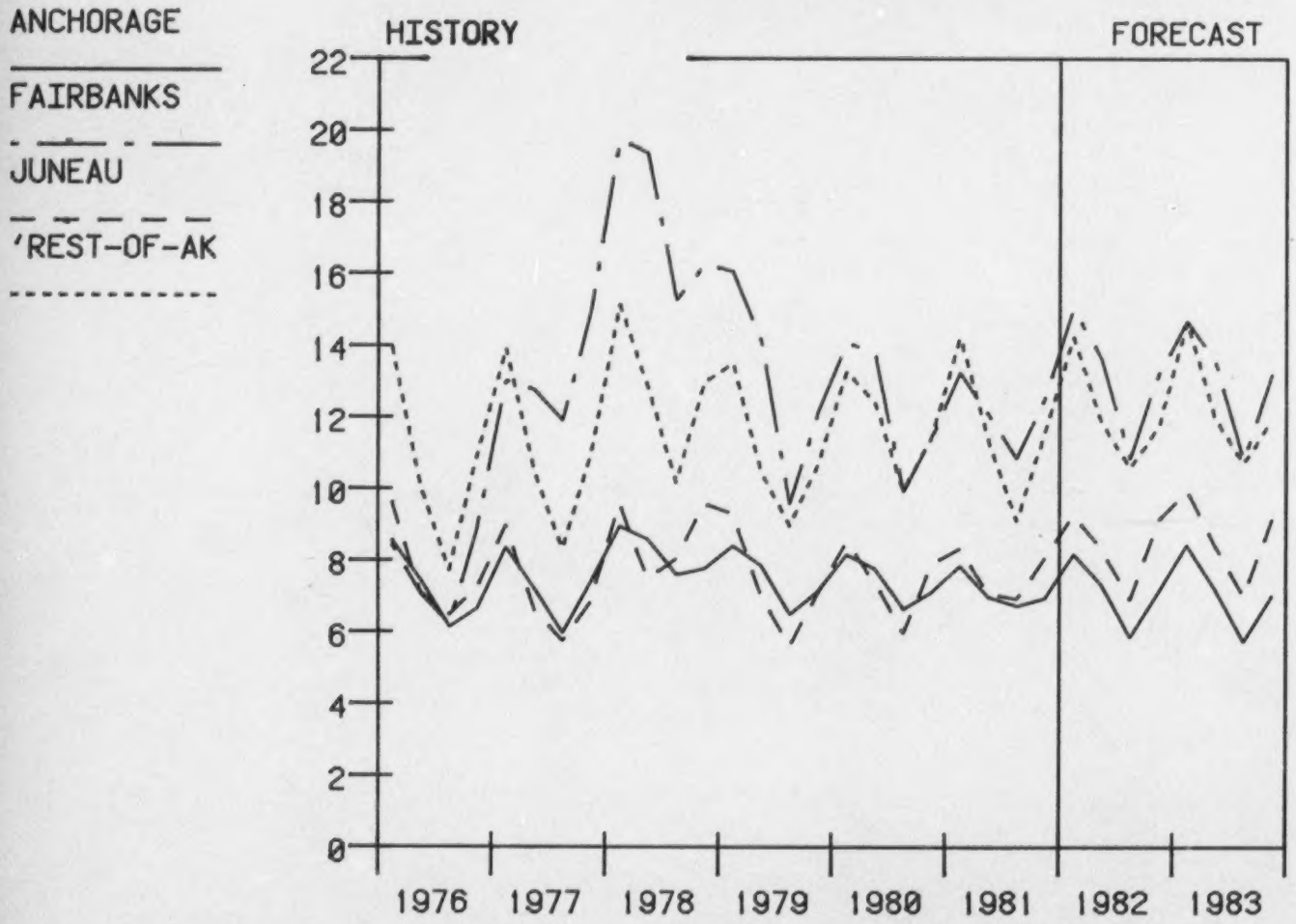
In the financial sector, our base case forecast assumes a downward revision in the projected growth of total deposits at Alaska's commercial and mutual savings banks for 1983, deviating from the October, 1981 AEIRS projection. These deposits grew at 11.3 percent in 1981; they are projected to grow at 10.9 percent in 1982, and 8.3 percent in 1983. During the past six years, Alaska's savings and loan associations depended on jumbo certificates for deposit expansion. The growth pattern of these certificates suggest that they are tied, through State government dispersements to municipalities, to the sharp increase in State Government oil and gas receipts during the 1976-1981 period.

Inflation rate projections in the October, 1981 AEIRS have been borne out by subsequent price behavior. These assumptions were "a sluggish national economy, a continued worldwide surplus of crude oil, and an increase in U.S. and world food supplies." These conditions have led to a lower rate of inflation. The overall Anchorage inflation rate is projected to be 6.3 percent in 1982, as compared to a forecasted 5.7 percent for the U.S. economy.

The current AEIRS base case forecast projects increases in nonagricultural employment of 3.3 percent in 1982 and 1.8 percent in 1983. This represents a reduction from the previous AEIRS forecast (October, 1981) due to the decline in estimated State petroleum revenues.

Personal income will increase sharply in the second half of 1982 as a result of the Permanent Fund distribution. The distribution will raise total residence personal income from $6.349 billion to $6.782 billion.

ANCHORAGE, FAIRBANKS, JUNEAU, 'REST-OF-ALASKA'
UNEMPLOYMENT RATES



ANCHORAGE

LOCATION

Anchorage, the largest city in Alaska, is located at the head of Cook Inlet on the Alaskan South Central gulf coast. By air, Anchorage is 3 hours from Seattle, 45 minutes from Fairbanks, and 1 hour 25 minutes from Juneau.

POPULATION - July 1, 1981

Municipality of Anchorage - 180,740

TRANSPORTATION

Rail: Alaska Railroad

Truck: Carriers include most major national and West Coast trucking lines.

Air: Carriers include Air France, Alaska Aeronautical, Alaska Airlines, British Airways, Flying Tigers, Japan Airlines, KLM Royal Dutch Airlines, Lufthansa German Airlines, Northwest Airlines, Reeve Aleutian Airways, Scandinavian Airlines, Sabena Belgian World Airlines, Western Airlines, and Wien Air Alaska. In addition, there are several charter airlines.

Major Airfields	Runway Length (feet)	Runway Surface	Ownership
Anchorage International:			State
Runway 6 R/24 L	10,900	Asphalt	
Runway 6 L/24 R	10,600	Asphalt	
Runway 14/32	10,500	Asphalt	
Lake Hood - Spenard Seaplane Base:			
Runway 13/31	2,470	Asphalt	
East/West Runway	4,700	Water	
North/South Runway	2,700	Water	
Northwest/Southeast Runway	1,900	Water	
Elmendorf AFB:			USAF
Main Runway	10,000	Concrete	
Cross Runway	7,500	Concrete	
Merrill Field:			City
Main Runway	4,000	Asphalt	
Cross Runway	2,500	Asphalt	

There are 17 airfields within the Municipality of Anchorage. Airfields unmentioned in the above table include an airstrip at Fort Richardson and the Birchwood and Girdwood airfields.

Water: Port facilities in the Anchorage area include the municipally owned Port of Anchorage which has a dock 2,642 feet long. The dock has three dry cargo berths and one petroleum berth. Approximately 1.66 million tons of cargo were handled at this dock in 1981. Other port facilities are the Pacific Western dock on Ship Creek, and Anderson's dock. Also, much port service is received from Whittier and Seward port facilities via the Alaska Railroad.

Approximately 80% of Anchorage's water cargo comes through docks located in the Anchorage area while 20% comes from Whittier and other outside ports.

Barge and van companies serving Anchorage include Canadian National Railways (via Whittier), Crowley Maritime (via Whittier), Foss Launch and Tug (Port of Anchorage), Sea - Land Service (Port of Anchorage), Totem Ocean Trailer Express (Port of Anchorage), Pacific Western Lines (own dock in Anchorage), and Alaska Coastal Barge Lines (Port of Anchorage).

ELEVATION

The elevation is 38-120 feet, with the terrain nearly flat throughout the bowl area.

CLIMATE

The average January temperature is 13°F. The average July temperature is 57°F. The average annual precipitation is 14 inches, with an average annual snowfall of 60 inches. Prevailing wind direction is southeast at a mean speed of 6.8 mph.

COMMUNITY FACILITIES

Medical/Dental: 4 acute-care hospitals with 709 beds and 5 long-term care facilities with 266 beds. 1 psychiatric hospital with 175 beds. 365 physicians. 158 dentists. 39 veterinarians.

Education: 1981-1982 School Year

School/College	Number of Classrooms[a]	Number of Students	Number of Teachers/Instructors
Elementary	989	21,090	951.5
Secondary (7-12)	403	15,854	727.5
University of Alaska - Anchorage	46	3,538**	131*
Anchorage Community College	70	9,395**	137*
Alaska Pacific University	19	1,355**	19*

[a] Includes number of laboratories.
** Enrollment Fall 1981.
* Total full-time faculty Fall 1981.

There are additional private and vocational schools in the area.

Communications:

Radio Stations: KHAR, KYAK, KBYR, KENI, KFQD, KANC, KABN, KHVN-FM, KGOT-FM, KRKN-FM, KSKA-FM, KKLV-FM, KNIK-FM.

Television Stations: KIMO, KTVA, KTUU, KAKM, and cable.

Newspapers: Anchorage Daily News, Anchorage Times (daily), Tundra Times.

Recreation: Within the municipality of Anchorage are 80 community and neighborhood parks and 10 park reserves. Recreation facilities include over 100 miles of bike and cross country ski trails, downhill ski lifts, tot lots, a golf course, indoor/outdoor rinks for ice skating/hockey, baseball/softball/ Little League fields, indoor swimming pools, campgrounds, and picnic areas. An 8,000 - seat sports arena is nearing completion.

General: 100 churches, 1 synagogue, 8 public libraries, and 15 banking institutions.

INDUSTRIAL SITES AVAILABLE

There are approximately 2,400 acres in the Anchorage bowl and 400 acres in the Eagle River/Chugiak area of undeveloped industrially-zoned land. The municipality has approximately 1,600 acres of developed industrially-zoned land.

UTILITIES

Water/Sewer:

Water Suppliers: Anchorage Water and Wastewater Utility, Central Alaska Utilities.

Source: Deep wells and Ship Creek reservoir.

Size of Water Mains: 2-48 inches.

Average Daily Consumption: 16 million gallons/Anchorage Water and Wastewater Utility, approximately 5 million gallons/Central Alaska Utilities.

Size of Sewer Lines: Variable.

Method of Treatment: Primary/Anchorage, Secondary/Girdwood and Eagle River.

Capacity: 34 million gallons per day/Anchorage, 1.6 million gallons per day/Eagle River, .85 million gallons per day/Girdwood.

Water/Sewer Rates:

Note: Metered water/sewer rates do not include minimum monthly bill.

Water Rates

Supplier	Unmetered Residential (monthly flat rate)	Metered Residential (per 1,000 gal.)	Metered Commercial (per 1,000 gal.)
Anchorage Water and Wastewater Utility	$11.90/unit	$1.51	$1.51
Central Alaska Utilities	15.86/unit** 10.20/unit*	1.23	1.13

** For Single residential unit or duplex.
* For multi-unit residence.

Sewer Rates

Supplier	Residential (monthly flat rate)	Commercial
Anchorage Water and Waterwaste Utility	$7.50/unit** 7.00/unit*	Varies according to business size and classification

** For single residential unit or duplex.
* For multi-unit residence.

Electricity:

Supplier: Anchorage Municipal Light and Power, Chugach Electric Association.

Electric Rates:

Note: Electric rates do not include capacity charge or minimum monthly bill.

Anchorage Municipal Light and Power

Residential Rates	$.0431/kwh

Commercial Rates

Small Commercial	$.0562/kwh
Secondary Voltage	$.0201/kwh + $5.93/kw*
Primary Voltage	$.0193/kwh + $5.69/kw*

* Includes capacity or demand charge.

Chugach Electric Association

Residential Rates

First	50 kwh	$.127/kwh
Next	200 kwh	$.062/kwh
Next	500 kwh	$.037/kwh
Next	750 kwh	$.032/kwh
Over	1,500 kwh	$.028/kwh

Small Commercial Rates

First	100 kwh.	$.099/kwh
Next	150 kwh	$.071/kwh
Next	500 kwh	$.064/kwh
Over	750 kwh	$.056/kwh

Large Commercial Rates

First	100 kwh	$.141/kwh
Next	400 kwh	$.113/kwh
Next	1,000 kwh	$.092/kwh
Over	1,500 kwh	$.078/kwh

Telephone:

Supplier: Anchorage Telephone Utility

Residential Rates: $9.05-10.15 per month.

Business Rates: $19.20-22.40 per month.

Natural Gas:

Supplier: Anchorage Natural Gas

LOCAL GOVERNMENT

Municipality of Anchorage: First-class city with a mayor-assembly form of government.

Property Taxes: 1982

Real property and personal property are taxed.

Real Property Valuations for the Municipality of Anchorage

Land	Improvements	Total
$3,280,656,824	$4,309,011,918	$7,589,668,742

Personal Property Valuations for the Municipality of Anchorage

General	Business	Pipeline**	Total
$62,810,000	$811,223,000	$62,864,000	$936,897,000

** Assessed by the State.

Total Property Valuations for the Municipality of Anchorage

Locally Assessed	State Assessed	Total
$8,463,701,742	$62,864,000	$8,526,565,742

Property tax rates vary at 3.24-7.44 mills, depending on the service area.

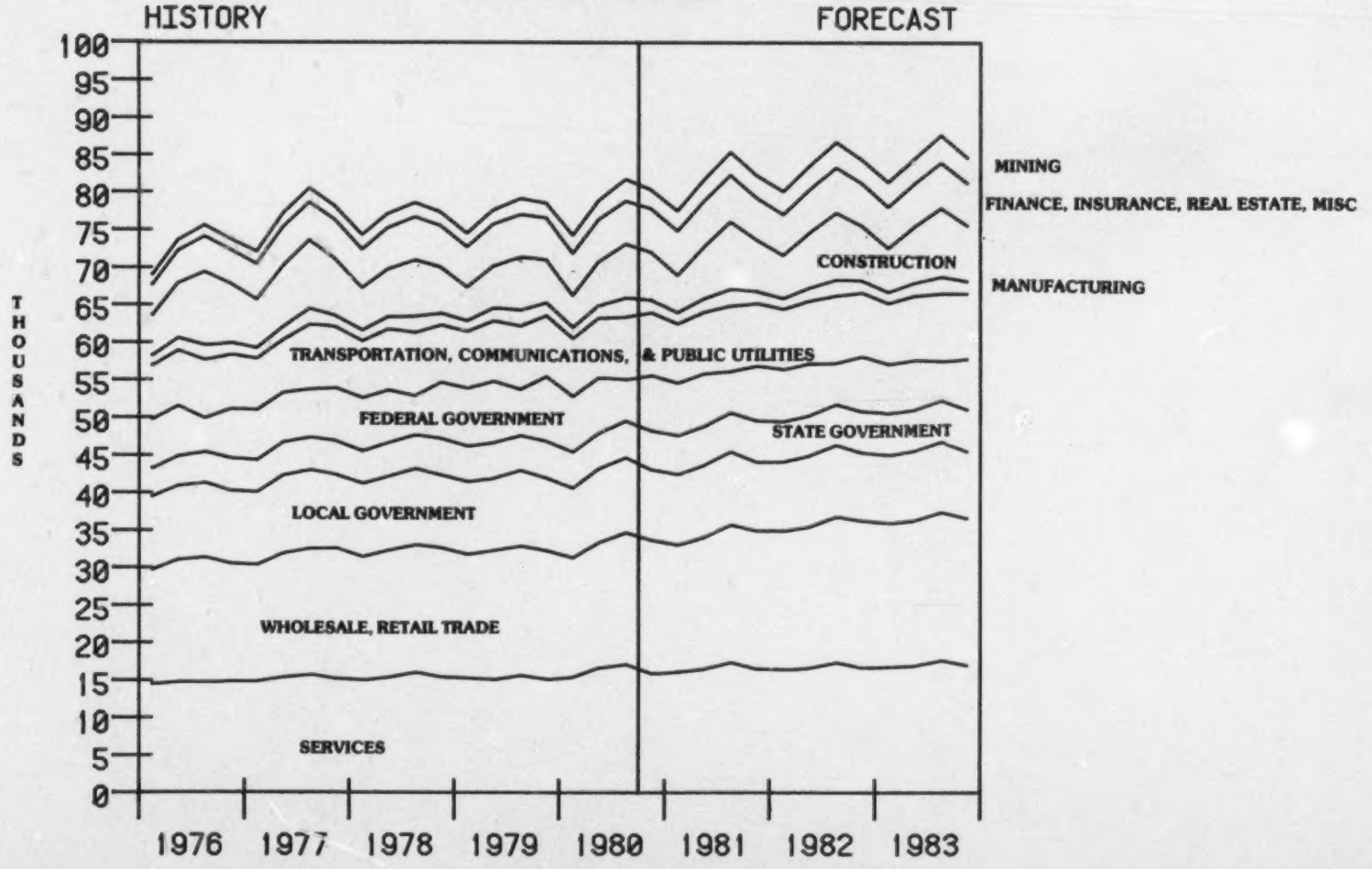
Sales Taxes: No sales taxes are imposed within Anchorage.

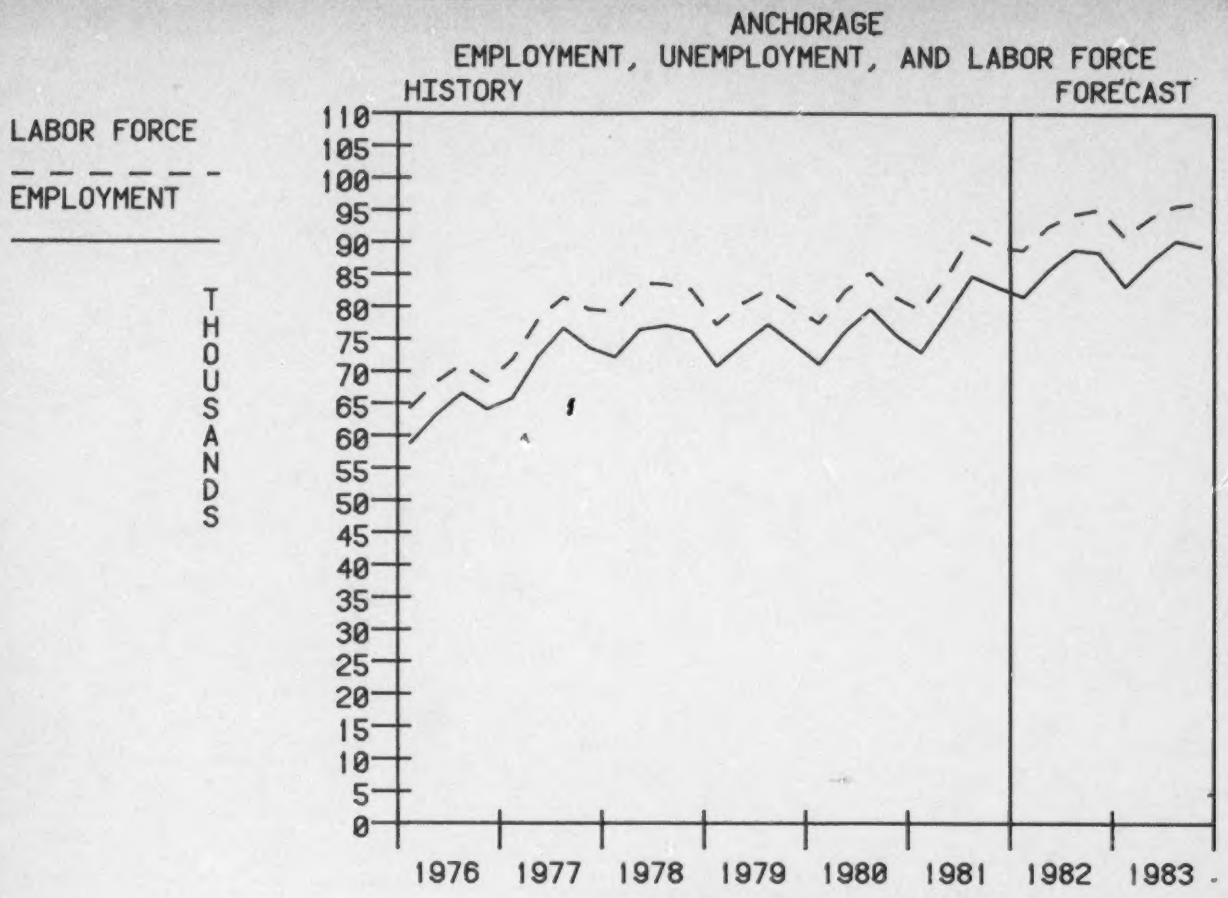
Anchorage Police Department: 365 personnel.

Anchorage Fire Department: 298 personnel.

Insurance Classification: The Municipality of Anchorage has a 3 rating.

ANCHORAGE
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT




ANCHORAGE
EMPLOYMENT, UNEMPLOYMENT, AND LABOR FORCE
HISTORY
FORECAST
LABOR FORCE
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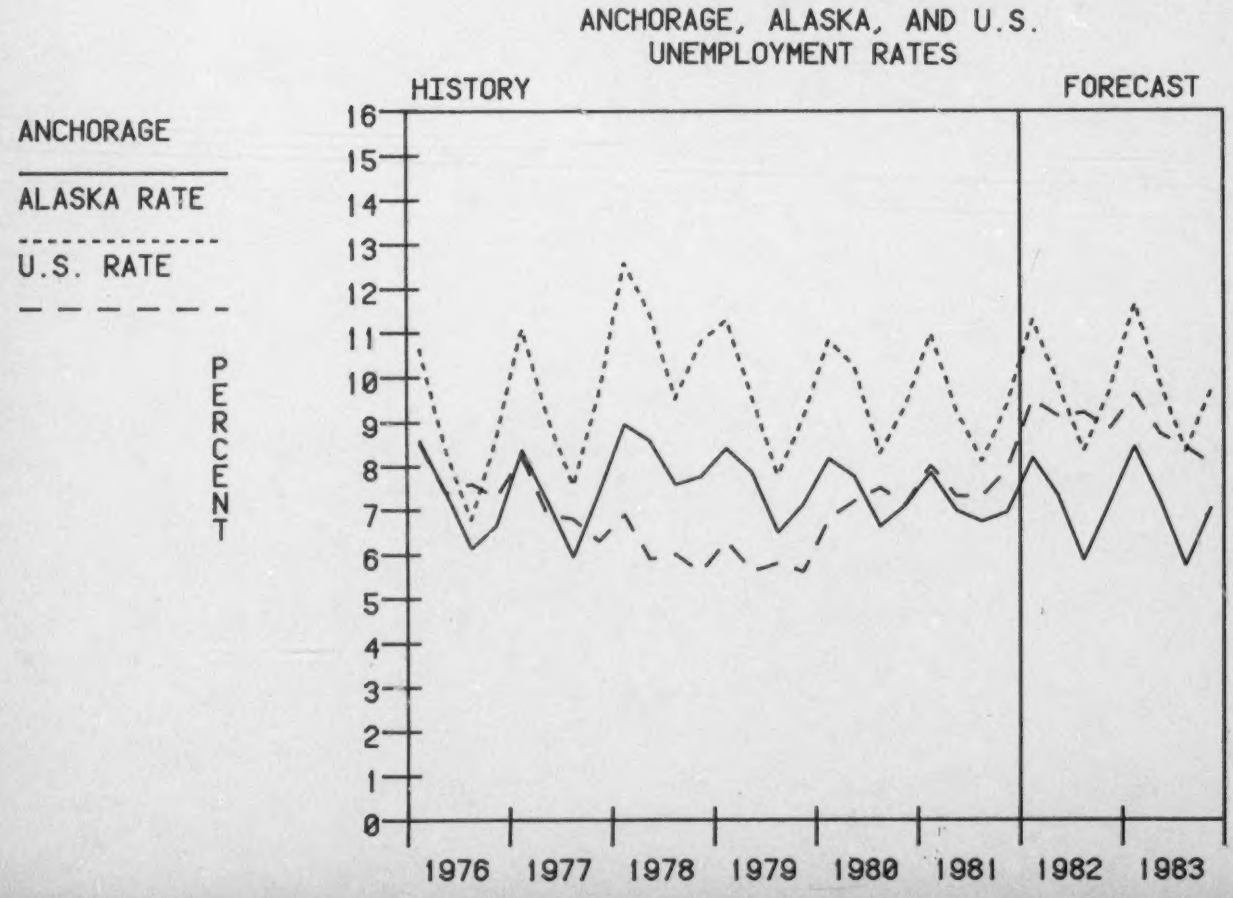
ANCHORAGE, ALASKA, AND U.S.
UNEMPLOYMENT RATES
HISTORY
FORECAST
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ALASKA RATE
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TABLE I
ANCHORAGE CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

ANCHORAGE CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1976:1	1976:2	1976:3	1976:4	ANNUAL AVERAGE 1976	1977:1	1977:2	1977:3	1977:4	ANNUAL AVERAGE 1977
LABOR FORCE (CPS BASIS)	64,348	68,265	70,946	68,350	67,977	71,767	77,935	81,417	79,473	77,648
EMPLOYMENT (CPS BASIS)	58,844	63,196	66,593	64,100	63,184	65,762	72,333	76,571	73,590	72,064
UNEMPLOYMENT (CPS BASIS)	5,504	5,069	4,353	4,550	4,869	6,002	5,601	4,846	5,883	5,583
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	8.6	7.4	6.1	6.7	7.2	8.4	7.2	6.0	7.4	7.2

NOTE: CPS = CURRENT POPULATION SURVEY

ANCHORAGE CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	1,348	1,318	1,558	1,410	1,409	1,638	1,784	1,916	1,744	1,771
CONTRACT CONSTRUCTION (SIC 15-17)	5,369	7,382	9,737	7,859	7,587	6,442	8,079	9,116	7,544	7,795
MANUFACTURING (SIC 20,22-39)	1,368	1,617	1,964	1,566	1,629	1,404	1,672	2,099	1,574	1,687
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	7,164	7,377	7,845	7,251	7,409	6,790	7,049	8,590	8,058	7,622
TRUCKING & WAREHOUSING (SIC 42)	1,298	1,330	1,482	1,277	1,347	1,085	1,177	1,471	1,242	1,244
WATER TRANSPORTATION (SIC 44)	360	406	433	474	418	298	368	525	404	399
AIR TRANSPORTATION (SIC 45)	2,508	2,758	2,897	2,509	2,668	2,448	2,565	2,661	2,511	2,546
OTHER TRANSPORTATION	905	635	680	737	739	736	760	1,595	1,741	1,208
COMMUNICATIONS (SIC 48)	1,593	1,668	1,757	1,658	1,669	1,650	1,577	1,726	1,566	1,630
PUBLIC UTILITIES (SIC 49)	500	580	596	596	568	573	602	612	594	595
WHOLESALE TRADE (SIC 50-51)	4,189	4,298	4,346	4,127	4,240	4,046	4,197	4,255	4,169	4,167
RETAIL TRADE (SIC 52-59)	11,053	12,005	12,316	11,496	11,718	11,459	12,310	12,625	13,244	12,410
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	3,881	4,181	4,527	4,438	4,257	4,603	4,748	4,710	4,930	4,748
SERVICES (SIC 70-89)	14,479	14,812	14,754	14,905	14,738	14,873	15,484	15,743	15,245	15,336
GOVERNMENT	20,026	20,480	18,471	20,614	19,898	20,681	21,395	21,226	21,333	21,159
FEDERAL	9,813	9,873	9,891	9,676	9,813	9,675	10,360	10,407	9,792	10,059
STATE	3,696	3,847	4,095	4,368	4,002	4,224	4,395	4,339	4,445	4,351
LOCAL	6,517	6,760	4,485	6,570	6,083	6,782	6,640	6,480	7,096	6,750
MISCELLANEOUS EMPLOYMENT	135	164	169	83	138	149	444	344	281	305
TOTAL	69,012	73,634	75,687	73,749	73,021	72,085	77,162	80,624	78,122	76,998

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION
EMPLOYMENT IN WATER TRANSPORTATION AND OTHER TRANSPORTATION ESTIMATED FOR 1976:1

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TABLE I
ANCHORAGE CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

ANCHORAGE CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1978:1	1978:2	1978:3	1978:4	ANNUAL AVERAGE 1978	1979:1	1979:2	1979:3	1979:4	ANNUAL AVERAGE 1979
LABOR FORCE (CPS BASIS)	79,217	83,604	83,368	82,545	82,184	77,166	80,459	82,601	79,995	80,055
EMPLOYMENT (CPS BASIS)	72,126	76,437	77,040	76,136	75,435	70,695	74,149	77,280	74,300	74,106
UNEMPLOYMENT (CPS BASIS)	7,091	7,167	6,328	6,409	6,749	6,470	6,310	5,354	5,695	5,957
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	9.0	8.6	7.6	7.8	8.2	8.4	7.8	6.5	7.1	7.5

NOTE: CPS = CURRENT POPULATION SURVEY

ANCHORAGE CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	1,931	1,919	1,863	1,782	1,874	1,840	1,867	2,172	2,055	1,984
CONTRACT CONSTRUCTION (SIC 15-17)	5,585	6,392	7,589	6,159	6,431	4,471	5,662	7,117	5,690	5,735
MANUFACTURING (SIC 20,22-39)	1,450	1,642	2,134	1,505	1,683	1,393	1,709	2,124	1,714	1,735
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	7,510	8,114	8,437	7,635	7,924	7,587	8,024	8,412	8,117	8,035
TRUCKING & WAREHOUSING (SIC 42)	1,211	1,336	1,561	1,133	1,310	1,021	1,160	1,226	1,043	1,113
WATER TRANSPORTATION (SIC 44)	195	495	330	358	345	269	369	344	328	328
AIR TRANSPORTATION (SIC 45)	2,442	2,544	2,852	2,758	2,649	2,705	2,973	3,213	3,140	3,008
OTHER TRANSPORTATION	1,602	1,597	1,497	1,268	1,491	1,437	1,367	1,385	1,389	1,395
COMMUNICATIONS (SIC 48)	1,515	1,562	1,579	1,545	1,550	1,584	1,563	1,603	1,631	1,595
PUBLIC UTILITIES (SIC 49)	545	580	618	573	579	571	592	641	586	598
WHOLESALE TRADE (SIC 50-51)	4,086	4,212	4,304	4,184	4,197	3,946	4,061	4,081	3,958	4,012
RETAIL TRADE (SIC 52-59)	12,376	12,659	12,690	12,948	12,668	12,590	13,157	13,229	13,142	13,030
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	4,821	5,004	5,151	5,098	5,019	4,900	4,910	4,861	4,904	4,894
SERVICES (SIC 70-89)	15,040	15,506	16,081	15,503	15,533	15,288	15,129	15,664	15,141	15,306
GOVERNMENT	21,203	21,315	19,823	22,109	21,113	22,083	22,510	20,782	23,266	22,160
FEDERAL	9,711	9,839	10,090	9,748	9,847	9,672	9,633	9,993	9,733	9,758
STATE	4,348	4,461	4,532	4,867	4,552	4,725	4,700	4,644	4,913	4,746
LOCAL	7,144	7,015	5,201	7,494	6,714	7,686	8,177	6,145	8,620	7,657
MISCELLANEOUS EMPLOYMENT	337	471	554	453	454	421	658	751	622	613
TOTAL	74,339	77,234	78,626	77,376	76,894	74,519	77,687	79,193	78,609	77,502

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

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TABLE I
ANCHORAGE CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

ANCHORAGE CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1980:1	1980:2	1980:3	1980:4	ANNUAL AVERAGE 1980	1981:1	1981:2	1981:3	1981:4	ANNUAL AVERAGE 1981
LABOR FORCE (CPS BASIS)	77,409	82,477	85,290	81,413	81,647	79,476	84,625	90,931	89,224	86,064
EMPLOYMENT (CPS BASIS)	71,098	76,090	79,635	75,638	75,616	72,915	78,731	84,817	83,026	79,873
UNEMPLOYMENT (CPS BASIS)	6,311	6,387	5,652	5,775	6,031	6,228	5,893	6,113	6,197	6,108
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	8.2	7.7	6.6	7.1	7.4	7.8	7.0	6.7	6.9	7.1

NOTE: CPS = CURRENT POPULATION SURVEY

ANCHORAGE CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	2,439	2,488	2,915	2,492	2,583	2,736	2,780	3,105	2,978	2,900
CONTRACT CONSTRUCTION (SIC 15-17)	4,288	5,762	7,190	6,309	5,887	5,023	6,907	8,918	6,778	6,907
MANUFACTURING (SIC 20,22-39)	1,443	1,692	2,532	1,683	1,837	1,464	1,763	2,208	1,580	1,754
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	7,794	7,905	8,318	8,298	8,079	7,830	8,227	8,784	8,412	8,313
TRUCKING & WAREHOUSING (SIC 42)	986	1,036	1,180	1,037	1,060	991	1,105	1,225	1,044	1,092
WATER TRANSPORTATION (SIC 44)	251	375	315	352	323	233	365	346	354	325
AIR TRANSPORTATION (SIC 45)	3,103	2,900	3,046	3,115	3,041	2,659	2,822	2,995	3,146	2,906
OTHER TRANSPORTATION	1,317	1,356	1,468	1,291	1,358	1,720	1,695	1,828	1,347	1,647
COMMUNICATIONS (SIC 48)	1,596	1,694	1,727	1,843	1,715	1,667	1,658	1,760	1,855	1,735
PUBLIC UTILITIES (SIC 49)	541	544	582	660	582	561	582	629	664	609
WHOLESALE TRADE (SIC 50-51)	3,783	4,027	4,230	4,119	4,040	3,952	4,164	4,318	4,156	4,147
RETAIL TRADE (SIC 52-59)	12,122	12,687	13,324	13,649	12,945	12,970	13,368	13,996	14,196	13,632
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	4,985	4,923	4,900	4,924	4,933	4,889	4,994	5,050	5,133	5,017
SERVICES (SIC 70-89)	15,424	16,682	17,182	15,948	16,309	16,215	16,580	17,484	16,550	16,707
GOVERNMENT	21,458	21,969	20,356	22,000	21,446	21,568	21,769	20,400	21,968	21,426
FEDERAL	9,286	9,769	9,966	9,360	9,595	9,294	9,593	9,717	9,213	9,454
STATE	4,834	4,800	4,907	5,161	4,925	5,260	5,193	5,248	5,450	5,288
LOCAL	7,338	7,400	5,483	7,480	6,925	7,014	6,982	5,434	7,305	6,684
MISCELLANEOUS EMPLOYMENT	530	789	804	564	672	522	788	896	452	665
TOTAL	74,266	78,924	81,751	79,985	78,732	77,170	81,341	85,159	82,202	81,468

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

9/14/82

TABLE I
ANCHORAGE CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

ANCHORAGE CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1982:1	1982:2	1982:3	1982:4	ANNUAL AVERAGE 1982	1983:1	1983:2	1983:3	1983:4	ANNUAL AVERAGE 1983
LABOR FORCE (CPS BASIS)	88,767	92,456	94,361	95,144	92,682	90,778	93,852	95,762	96,057	94,112
EMPLOYMENT (CPS BASIS)	81,519	85,686	88,841	88,364	86,102	83,141	87,098	90,275	89,321	87,459
UNEMPLOYMENT (CPS BASIS)	7,248	6,771	5,520	6,780	6,580	7,637	6,754	5,488	6,736	6,654
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	8.2	7.3	5.9	7.1	7.1	8.4	7.2	5.7	7.0	7.1

NOTE: CPS = CURRENT POPULATION SURVEY

ANCHORAGE CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	3,116	3,134	3,403	3,169	3,205	3,254	3,325	3,656	3,431	3,416
CONTRACT CONSTRUCTION (SIC 15-17)	5,774	7,347	8,940	7,231	7,323	5,787	7,459	9,167	7,391	7,451
MANUFACTURING (SIC 20,22-39)	1,407	1,693	2,128	1,556	1,696	1,452	1,734	2,180	1,588	1,739
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	7,980	8,352	8,955	8,587	8,468	8,117	8,498	9,042	8,655	8,578
TRUCKING & WAREHOUSING (SIC 42)	1,000	1,114	1,239	1,056	1,102	1,009	1,124	1,245	1,060	1,109
WATER TRANSPORTATION (SIC 44)	235	368	350	358	328	237	371	352	359	330
AIR TRANSPORTATION (SIC 45)	2,698	2,855	3,043	3,197	2,948	2,734	2,895	3,066	3,216	2,978
OTHER TRANSPORTATION	1,800	1,759	1,907	1,431	1,724	1,869	1,831	1,952	1,463	1,779
COMMUNICATIONS (SIC 48)	1,681	1,671	1,780	1,875	1,752	1,696	1,686	1,788	1,883	1,763
PUBLIC UTILITIES (SIC 49)	566	586	636	671	615	571	592	639	674	619
WHOLESALE TRADE (SIC 50-51)	4,268	4,422	4,610	4,543	4,461	4,461	4,594	4,726	4,596	4,594
RETAIL TRADE (SIC 52-59)	14,151	14,357	14,771	14,968	14,562	14,705	14,808	14,978	14,953	14,861
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	5,092	5,146	5,206	5,193	5,159	5,171	5,194	5,219	5,159	5,186
SERVICES (SIC 70-89)	16,506	16,705	17,446	16,763	16,855	16,831	16,987	17,744	17,015	17,144
GOVERNMENT	21,520	21,750	20,482	21,862	21,403	21,194	21,374	20,117	21,337	21,005
FEDERAL	9,219	9,453	9,566	9,078	9,329	9,068	9,301	9,421	8,954	9,186
STATE	5,410	5,341	5,428	5,503	5,420	5,522	5,428	5,505	5,571	5,506
LOCAL	6,891	6,957	5,488	7,280	6,654	6,605	6,646	5,190	6,812	6,313
MISCELLANEOUS EMPLOYMENT	332	543	782	460	529	343	560	806	475	546
TOTAL	80,145	83,449	86,722	84,334	83,663	81,315	84,533	87,634	84,600	84,520

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

FAIRBANKS

LOCATION

Fairbanks is located in the center of Alaska's interior at the northern end of the Alaska Highway. By air, Fairbanks is approximately 3 hours from Seattle, 45 minutes from Anchorage, and 2 hours 10 minutes from Juneau.

POPULATION - July 1, 1981

Fairbanks North Star Borough - 58,313

TRANSPORTATION

Rail: Alaska Railroad

Truck: Carriers include Consolidated Freightways, Continental Van Lines, Fairbanks Excavating & Trucking, Frank's Trucking, Frontier Transportation Co., H & S Warehouse, K & W Trucking, Lynden Transport, Sig Wold Storage & Transfer Co., Sourdough Express, Sourdough Freight Lines, TOTE, Weaver Brothers, and Mammoth Trucking.

Air: Carriers include Air North, Alaska Airlines, Alaska Central Air, Alaska International Air, Munz Northern Airlines, Northwest Airlines, Pacific Alaska Airlines, Polar Airlines, Trans-Arctic, Wien Air Alaska, Era Helicopters, Alaska Air Charter, Alaska Central Air, Aurora Air Service, Frontier Flying Service, Tundra Copters, Umiat Enterprises, Wright Air Service, and Western Airlines.

Major Airfields	Runway Length (feet)	Runway Surface	Ownership
Fairbanks International:			State
Runway 01 L/19 R	10,600	Asphalt	
Runway 01 R/19 R	3,200	Asphalt	
Seaplane Base:			
Runway S 1/S 19	4,000	Water	
Ski Strip	3,600	Water	
Eielson AFB:			USAF
Main Runway	14,500	Asphalt	
Fort Wainwright:			U.S. Army
Main Runway	8,700	Asphalt	

Other airfields within Fairbanks North Star Borough include Bradley Sky Ranch, Phillips Field, and Metro Airport.

ELEVATION

The elevation is 434 feet at Fairbanks International Airport.

CLIMATE

The average January temperature is -11.9°F. The average July temperature is 60.7°F. Average annual precipitation is 11.3 inches, with an average snowfall of 68.8 inches. The prevailing wind direction is north with a mean speed of 5.3 mph.

COMMUNITY FACILITIES

Medical/Dental: 2 acute-care hospitals with 227 beds and 2 long-term care facilities with 155 beds. 101 physicians. 45 dentists. 17 veterinarians.

Education: 1981-1982 School Year

School/College	Number of Classrooms[a]	Number of Students	Number of Teachers/Instructors
Elementary	342	6,667	366
Secondary (7-12)	270	4,341	290
University of Alaska - Fairbanks	103	4,084**	375*
Tanana Valley Community College	b	1,965**	20*

[a] Includes number of laboratories.
[b] TVCC is located on the University of Alaska-Fairbanks campus.
** Enrollment Fall 1981.
* Total full-time faculty Fall 1981.

There are additional private and vocational schools in the area.

Communications

Radio Stations: KTTU, KCBF, KAYY-FM, KIAK, KJNP-AM and FM (North Pole), KUAC-FM.

Television Stations: KUAC, KTVF, KTTU, cable, and a local noncable subscription station.

Newspapers: Fairbanks Daily News-Miner, Pioneer All-Alaska Weekly.

Recreation: City parks, swimming, bowling, cross country and downhill skiing, golfing, tennis, ice skating, curling, dog mushing, ice hockey, trap shooting, fishing, canoeing, theaters, and baseball.

General: 61 churches, 1 synagogue, 2 libraries, and 6 banking institutions.

INDUSTRIAL SITES AVAILABLE

There are 7,928 acres of zoned industry in Fairbanks North Star Borough.

Air Industrial Park		4,904 acres
Light Industrial:	No. 1	694 acres
	No. 2	36 acres
Heavy Industrial		2,294 acres

UTILITIES

Water/Sewer:

Water Supplier: Municipal Utilities System.

Source: Processed Ground Water.

Size of Water Mains: 4-18 inches.

Average Daily Consumption: Approximately 2.09 million gallons.

Size of Sewer Lines: 8-10 inches.

Method of Treatment: Primary.

Capacity: 8 million gallons per day.

Water/Sewer Rates:

Note: Water/Sewer rates do not include minimum monthly bill.

Water Rates: Residential and Commercial $2.25/1,000 gallons.

Sewer Rates: Residential and Commercial $3.03/1,000 gallons.

Electricity:

Supplier: Within Fairbanks, the Municipal Utilities System. Outside Fairbanks, the Golden Valley Electric Association.

Electric Rates:

Note: Electric rates do not include capacity charge or minimum monthly bill.

Municipal Utilities System

Residential Rates			Commercial Rates		
First	100 kwh	$.12/kwh	First	100 kwh	$.12/kwh
Next	300 kwh	$.082/kwh	Next	300 kwh	$.113/kwh
Over	400 Kwh	$.059/kwh	Next	600 kwh	$.095/kwh
			Over	1,000 kwh	$.078/kwh

Golden Valley Electric Association

Residential Rates

First	100 kwh	$.1957/kwh
Next	1,400 kwh	$.1105/kwh
Over	1,500 kwh	$.0891/kwh

Golden Valley Electric Association

Small Commercial Rates			Large Commercial Rates		
First	400 kwh	$.1860/kwh	First	400 kwh	$.2004/kwh
Next	600 kwh	$.1247/kwh	Next	600 kwh	$.1611/kwh
Next	4,000 kwh	$.0985/kwh	Next	4,000 kwh	$.1296/kwh
Over	5,000 kwh	$.0809/kwh	Next	45,000 kwh	$.0862/kwh
			Over	50,000 kwh	$.0764/kwh

Telephone:

Supplier: Municipal Utilities System, Glacier State Telephone.

Municipal Utilities System

Residential Rates: $7.30-18.50 plus mileage outside city limits.

Business Rates: $20.40-28.40.

Steam:

Supplier: Municipal Utilities System.

Steam rates: $6.10/1,000 pounds. Minimum charge of $18.30 per month.

LOCAL GOVERNMENT

City of Fairbanks: Home rule with a city manager - council form of government.

Fairbanks North Star Borough: Second class with a mayor - assembly form of government.

Property Taxes: 1982

Real property is taxed. Personal property is not taxed.

Property Valuations

Areas	Land	Improvements	Pipeline**	Total
City of Fairbanks	$220,346,525	$485,776,375	$ 1,175,860*	$707,298,760
City of North Pole	11,199,875	57,564,775	- 0 -	68,764,650
Balance of Borough	383,593,325	462,883,850	617,430,940*	1,463,908,115
Total	$615,139,725	$1,006,225,000	$618,606,800*	$2,239,971,525

** Assessed by the State.
* Subject to change under provisions of AS 43.56.120 appeal to the State Assessment Review Board.

Property Tax Rates

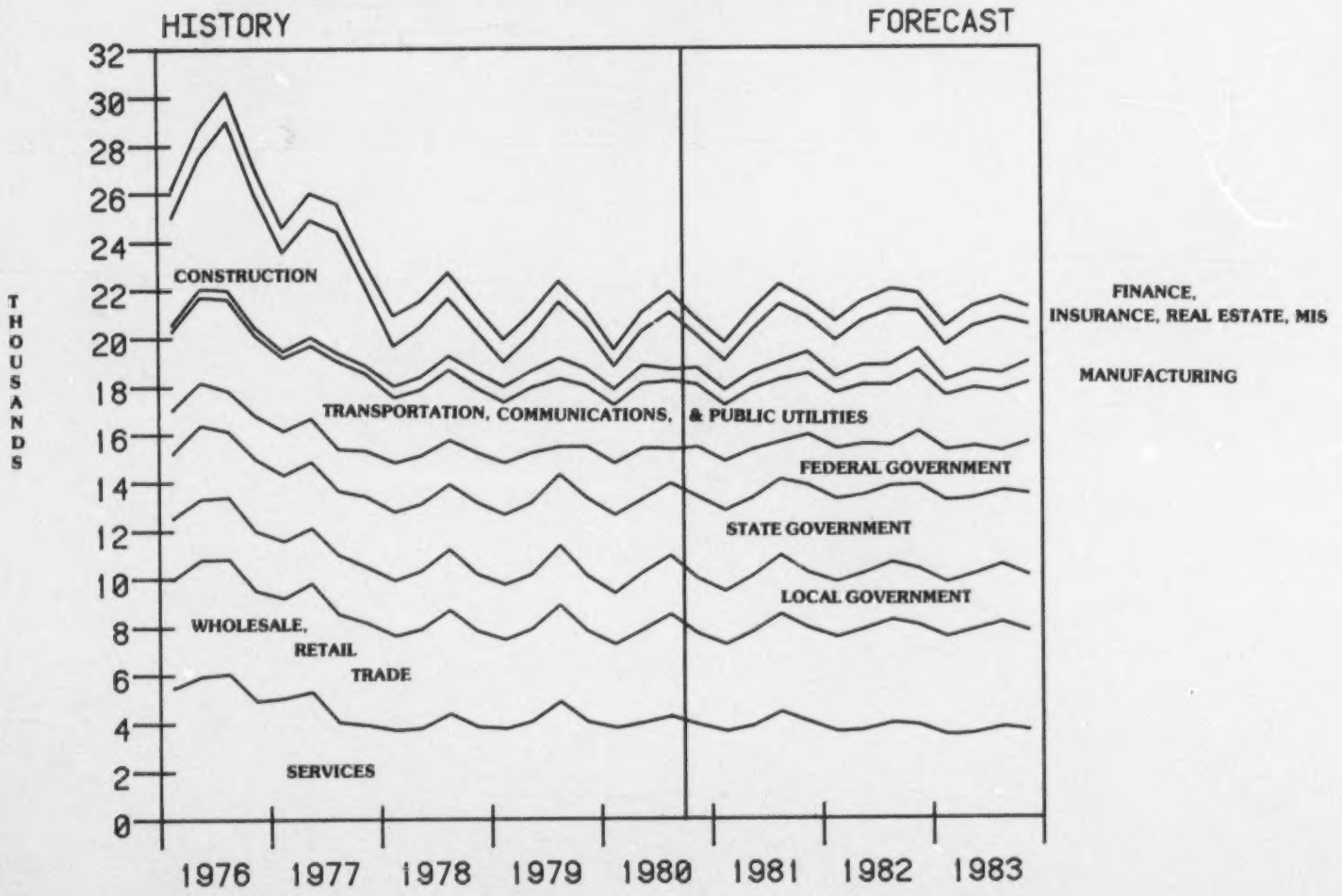
Areas	Mills
City of Fairbanks	.5
City of North Pole	2.0
Fairbanks North Star Borough	6.4

Sales Taxes: No sales tax is imposed by the City of Fairbanks or the Borough. However, the City of North Pole does have a sales tax of 3%.

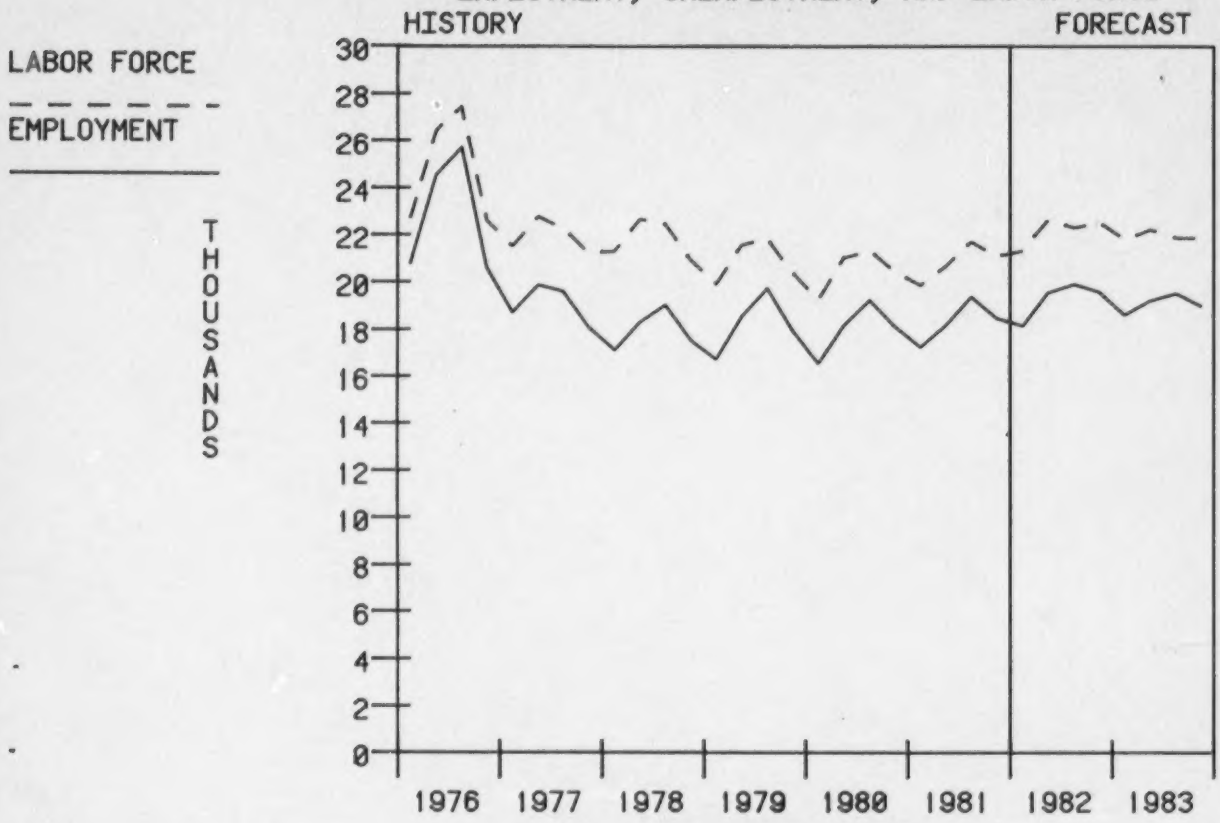
City of Fairbanks Police Department: 72 personnel.

City of Fairbanks Fire Department: 56 personnel.

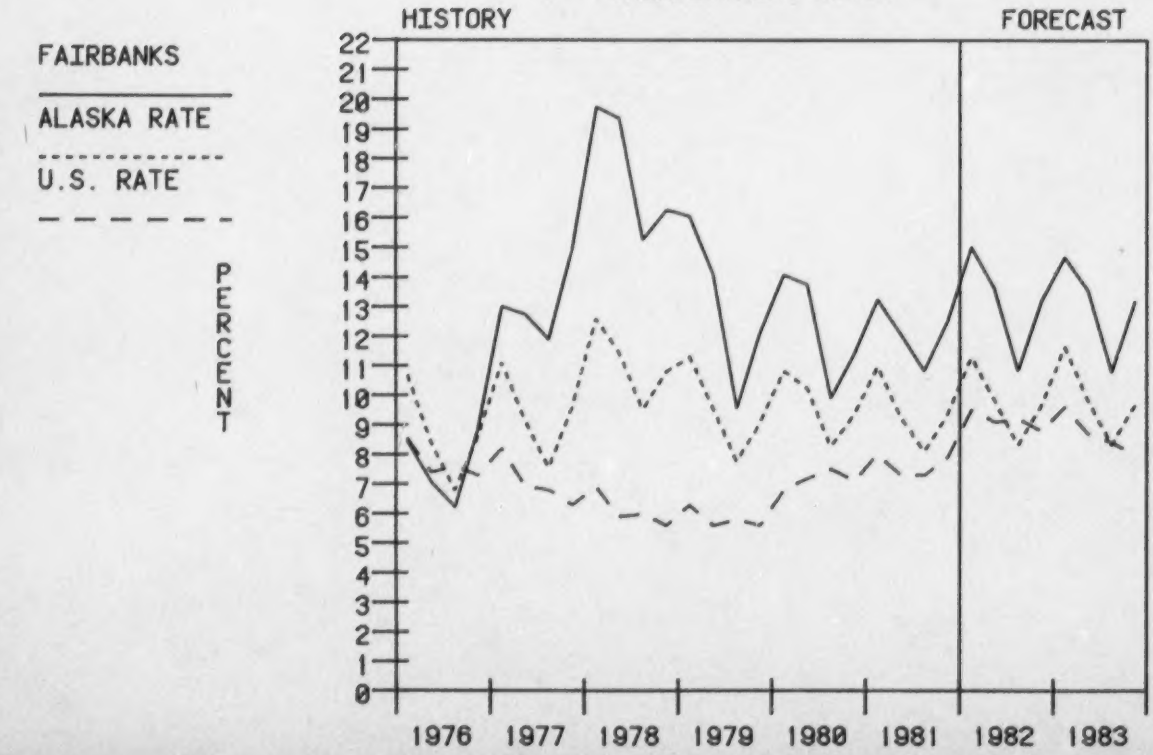
Insurance Classification: City of Fairbanks has a 4 rating. Other areas within the Borough range 7-10, depending on fire protection.


FAIRBANKS
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
HISTORY
FORECAST
THOUSANDS
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
CONSTRUCTION
TRANSPORTATION, COMMUNICATIONS, & PUBLIC UTILITIES
WHOLESALE, RETAIL TRADE
SERVICES
FINANCE, INSURANCE, REAL ESTATE, MIS
MANUFACTURING
FEDERAL GOVERNMENT
STATE GOVERNMENT
LOCAL GOVERNMENT
1976
1977
1978
1979
1980
1981
1982
1983

FAIRBANKS
EMPLOYMENT, UNEMPLOYMENT, AND LABOR FORCE



FAIRBANKS, ALASKA, AND U.S.
UNEMPLOYMENT RATES



9/14/82

TABLE II
FAIRBANKS CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

FAIRBANKS CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1976:1	1976:2	1976:3	1976:4	ANNUAL AVERAGE 1976	1977:1	1977:2	1977:3	1977:4	ANNUAL AVERAGE 1977
LABOR FORCE (CPS BASIS)	22,732	26,397	27,425	22,600	24,789	21,507	22,757	22,224	21,208	21,924
EMPLOYMENT (CPS BASIS)	20,819	24,537	25,720	20,591	22,917	18,710	19,858	19,582	18,032	19,046
UNEMPLOYMENT (CPS BASIS)	1,914	1,861	1,705	2,009	1,872	2,797	2,899	2,642	3,175	2,878
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	8.4	7.0	6.2	8.9	7.6	13.0	12.7	11.9	15.0	13.2

NOTE: CPS = CURRENT POPULATION SURVEY

FAIRBANKS CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	4,457	5,463	6,982	5,572	5,619	4,100	4,868	5,035	3,246	4,312
MANUFACTURING (SIC 20,22-39)	301	371	394	321	347	281	329	365	337	328
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	3,251	3,534	3,789	3,361	3,484	3,043	3,023	3,645	3,227	3,235
TRUCKING & WAREHOUSING (SIC 42)	1,138	1,209	1,361	1,356	1,266	938	893	902	666	850
AIR TRANSPORTATION (SIC 45)	828	810	800	746	796	616	659	672	667	654
COMMUNICATIONS (SIC 48)	779	967	1,016	738	875	1,041	963	1,099	943	1,012
PUBLIC UTILITIES, OTHER TRANSPORTATION	506	548	612	521	547	448	508	972	951	720
WHOLESALE TRADE (SIC 50-51)	991	970	972	940	968	871	913	909	879	893
RETAIL TRADE (SIC 52-59)	3,544	3,888	3,779	3,603	3,704	3,279	3,609	3,578	3,351	3,454
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	992	1,009	1,021	967	997	917	933	1,001	942	948
SERVICES (SIC 70-89)	5,482	5,967	6,087	4,961	5,624	5,065	5,323	4,040	3,927	4,589
GOVERNMENT	7,040	7,346	6,975	7,259	7,155	6,943	6,842	6,837	7,133	6,939
FEDERAL	2,533	2,510	2,566	2,456	2,516	2,345	2,271	2,471	2,333	2,355
STATE	2,691	3,031	2,713	2,998	2,858	2,757	2,751	2,650	2,911	2,767
LOCAL	1,816	1,805	1,696	1,805	1,781	1,841	1,820	1,716	1,889	1,817
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	150	173	226	140	172	105	159	165	55	121
TOTAL	26,208	28,721	30,225	27,124	28,070	24,604	25,999	25,575	23,097	24,819

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

9/14/82

TABLE II
FAIRBANKS CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

FAIRBANKS CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1978:1	1978:2	1978:3	1978:4	ANNUAL AVERAGE 1978	1979:1	1979:2	1979:3	1979:4	ANNUAL AVERAGE 1979
LABOR FORCE (CPS BASIS)	21,295	22,648	22,427	20,901	21,818	19,895	21,555	21,815	20,395	20,915
EMPLOYMENT (CPS BASIS)	17,092	18,267	19,007	17,503	17,967	16,706	18,520	19,731	17,925	18,221
UNEMPLOYMENT (CPS BASIS)	4,202	4,381	3,420	3,398	3,850	3,189	3,035	2,084	2,470	2,695
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	19.7	19.3	15.2	16.3	17.6	16.0	14.1	9.6	12.1	12.9

NOTE: CPS = CURRENT POPULATION SURVEY

FAIRBANKS CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	1,672	2,070	2,379	1,720	1,960	1,022	1,452	2,316	1,735	1,631
MANUFACTURING (SIC 20,22-39)	481	523	586	665	564	655	682	853	696	722
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	2,697	2,738	2,921	2,705	2,765	2,504	2,694	2,824	2,512	2,634
TRUCKING & WAREHOUSING (SIC 42)	358	520	630	465	493	365	375	414	338	373
AIR TRANSPORTATION (SIC 45)	695	672	676	668	678	665	767	782	545	690
COMMUNICATIONS (SIC 48)	931	950	969	963	953	1,056	1,056	1,052	1,071	1,059
PUBLIC UTILITIES, OTHER TRANSPORTATION	713	596	646	609	641	418	496	576	558	512
WHOLESALE TRADE (SIC 50-51)	834	804	811	742	798	678	696	757	721	713
RETAIL TRADE (SIC 52-59)	3,070	3,299	3,495	3,233	3,274	3,011	3,131	3,252	3,051	3,111
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	1,189	964	963	898	1,004	887	856	785	721	812
SERVICES (SIC 70-89)	3,722	3,807	4,399	3,826	3,939	3,763	4,082	4,889	4,059	4,198
GOVERNMENT	7,199	7,216	7,046	7,411	7,218	7,355	7,320	6,577	7,643	7,224
FEDERAL	2,311	2,413	2,522	2,369	2,404	2,283	2,261	2,468	2,262	2,319
STATE	2,839	2,768	2,680	2,973	2,815	2,919	2,965	2,939	3,243	3,017
LOCAL	2,049	2,035	1,844	2,069	1,999	2,153	2,094	1,170	2,138	1,889
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	74	97	130	65	92	55	70	91	55	68
TOTAL	20,938	21,518	22,730	21,265	21,613	19,930	20,983	22,344	21,193	21,113

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

9/14/82

TABLE II
FAIRBANKS CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

FAIRBANKS CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1980:1	1980:2	1980:3	1980:4	ANNUAL AVERAGE 1980	1981:1	1981:2	1981:3	1981:4	ANNUAL AVERAGE 1981
LABOR FORCE (CPS BASIS)	19,210	21,019	21,303	20,422	20,489	19,836	20,667	21,693	21,057	20,813
EMPLOYMENT (CPS BASIS)	16,509	18,132	19,192	18,096	17,982	17,213	18,176	19,343	18,422	18,288
UNEMPLOYMENT (CPS BASIS)	2,701	2,887	2,112	2,326	2,506	2,624	2,491	2,351	2,634	2,525
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	14.1	13.7	9.9	11.4	12.3	13.2	12.1	10.8	12.5	12.2

NOTE: CPS = CURRENT POPULATION SURVEY

FAIRBANKS CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	951	1,437	2,357	1,326	1,518	1,206	1,741	2,388	1,443	1,695
MANUFACTURING (SIC 20,22-39)	644	740	494	732	652	628	708	746	867	737
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	2,428	2,693	2,843	2,578	2,636	2,328	2,502	2,590	2,549	2,492
TRUCKING & WAREHOUSING (SIC 42)	340	402	429	346	379	316	361	390	342	352
AIR TRANSPORTATION (SIC 45)	555	676	674	558	616	516	607	613	552	572
COMMUNICATIONS (SIC 48)	1,075	1,087	1,125	1,123	1,102	1,023	999	1,046	1,110	1,044
PUBLIC UTILITIES, OTHER TRANSPORTATION	458	528	615	551	538	472	534	541	545	523
WHOLESALE TRADE (SIC 50-51)	680	640	675	681	669	661	698	719	684	691
RETAIL TRADE (SIC 52-59)	2,792	3,209	3,538	3,089	3,157	2,951	3,202	3,339	3,202	3,174
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	646	683	682	630	660	693	704	693	673	691
SERVICES (SIC 70-89)	3,783	4,026	4,272	3,921	4,000	3,632	3,897	4,444	4,028	4,000
GOVERNMENT	7,499	7,509	6,856	7,750	7,403	7,602	7,553	7,137	8,029	7,580
FEDERAL	2,110	2,354	2,464	2,283	2,303	2,202	2,304	2,428	2,299	2,308
STATE	3,254	3,063	2,976	3,389	3,171	3,363	3,222	3,156	3,603	3,336
LOCAL	2,135	2,092	1,416	2,078	1,930	2,037	2,027	1,553	2,127	1,936
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	62	102	184	65	103	73	102	145	64	96
TOTAL	19,485	21,039	21,901	20,771	20,799	19,773	21,107	22,201	21,539	21,155

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

9/14/82

TABLE II
FAIRBANKS CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

FAIRBANKS CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1982:1	1982:2	1982:3	1982:4	ANNUAL AVERAGE 1982	1983:1	1983:2	1983:3	1983:4	ANNUAL AVERAGE 1983
LABOR FORCE (CPS BASIS)	21,326	22,612	22,287	22,533	22,189	21,787	22,207	21,853	21,840	21,921
EMPLOYMENT (CPS BASIS)	18,126	19,533	19,875	19,561	19,274	18,592	19,201	19,497	18,966	19,064
UNEMPLOYMENT (CPS BASIS)	3,201	3,078	2,413	2,971	2,916	3,194	3,006	2,356	2,874	2,857
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	15.0	13.6	10.8	13.2	13.2	14.7	13.5	10.8	13.2	13.0

NOTE: CPS = CURRENT POPULATION SURVEY

FAIRBANKS CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	1,484	1,867	2,290	1,554	1,799	1,425	1,836	2,291	1,541	1,773
MANUFACTURING (SIC 20,22-39)	701	799	831	900	808	643	739	761	845	747
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	2,305	2,468	2,536	2,511	2,455	2,262	2,421	2,490	2,463	2,409
TRUCKING & WAREHOUSING (SIC 42)	313	356	382	337	347	307	350	375	331	341
AIR TRANSPORTATION (SIC 45)	511	599	600	544	563	501	588	589	533	553
COMMUNICATIONS (SIC 48)	1,013	985	1,024	1,094	1,029	994	967	1,005	1,072	1,010
PUBLIC UTILITIES, OTHER TRANSPORTATION	468	527	530	537	515	459	517	520	526	506
WHOLESALE TRADE (SIC 50-51)	747	768	798	790	776	798	812	825	798	808
RETAIL TRADE (SIC 52-59)	3,178	3,393	3,474	3,351	3,349	3,276	3,481	3,517	3,344	3,404
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	741	736	723	681	720	753	740	718	664	719
SERVICES (SIC 70-89)	3,609	3,696	3,978	3,881	3,791	3,464	3,541	3,798	3,629	3,608
GOVERNMENT	7,828	7,685	7,207	8,060	7,695	7,753	7,593	7,090	7,859	7,574
FEDERAL	2,298	2,321	2,402	2,327	2,337	2,276	2,305	2,394	2,315	2,322
STATE	3,433	3,247	3,159	3,510	3,337	3,376	3,172	3,071	3,372	3,248
LOCAL	2,097	2,118	1,646	2,223	2,021	2,102	2,115	1,626	2,172	2,004
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	58	84	130	63	83	56	82	129	60	82
TOTAL	20,651	21,497	21,967	21,791	21,476	20,430	21,245	21,620	21,203	21,124

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

JUNEAU

LOCATION

Juneau is located on the southeast coast of Alaska along the inside passage. By air, Juneau is approximately 2 hours 5 minutes from Seattle and 1 hour 25 minutes from Anchorage.

POPULATION - July 1, 1981

City and Borough of Juneau - 21,080

TRANSPORTATION

Rail: None

Truck: Carriers include Lynden Transport, A.N. Kaiser & Sons, Douglas Trucking, and Reliable Transport Corp.

Air: Alaska Airlines has 4 daily winter flights and 5 daily summer flights to Seattle. During both winter and summer, Alaska Airlines has 3 daily flights to Anchorage. Charter carriers include LAB Flying Service, Skagway Air Service, Glacier Bay Airways, Channel Flying, Ward Air, Air America, Air North, Trans North, Temsco Helicopters, and Livingston Copters.

Water: Juneau, a deep water port, has a docking facility with a capacity of 15,000 tons up to 525 feet. There are three barge landing facilities. Barge lines include Southeast Barge Line, Foss Alaska Line, and Anderson Barge Line. Two ferry terminals are served by the Alaska State Ferry System.

Major Airfields	Runway Length (feet)	Runway Surface	Ownership
Juneau Municipal Airport			
Main Runway	8,400	Asphalt	City

ELEVATION

The elevation is Sea level.

CLIMATE

The average January temperature is 26.2°F. The average July temperature is 54.7°F. Average annual precipitation is 56.5 inches at the airport and 92 inches downtown. Average annual snowfall is 103 inches. Prevailing winds are east southeasterly.

COMMUNITY FACILITIES

Medical/Dental: 1 acute-care hospital with 64 beds and 1 long-term care facility with 42 beds. 32 physicians. 12 dentists. 4 veterinarians.

Communications

Radio Stations: KJNO, KINY, KTOO-FM.

Television Stations: KINY, KTOO, and cable.

Newspaper: Juneau Empire (Monday through Friday).

Education: 1981-1982 School Year.

School/College	Number of Classrooms[a]	Number of Students	Number of Teachers/Instructors
Elementary	85	2,263	116
Secondary (7-12)	73	1,900	104.5
University of Alaska - Juneau[b]	41	1,698**	55*

[a] Includes number of laboratories.
[b] Includes Juneau - Douglas Community College.
** Enrollment Fall 1981.
* Total full-time faculty Fall 1981.

Recreation: There are two movie theatres; an indoor, Olympic-size swimming pool; a rollerskating rink; tennis courts; a racquet club; a ski area with two chairlifts, a surface lift, and a day lodge; three libraries; a Boy Scout camp; a bowling alley; hiking and fishing areas; and two theatrical (performing arts) groups.

INDUSTRIAL SITES AVAILABLE

There are approximately 1,637 acres of industrially-zoned land in the City and Borough of Juneau. Of this, approximately 980 acres are vacant.

UTILITIES

Water/Sewer:

Water Supplier: Juneau Service Area, Douglas Service Area.

Source: Reservoirs and wells.

Size of Water Mains: 4-16 inches.

Average Daily Consumption: 1.3 million gallons (excluding the Mendenhall Valley).

Size of Sewer Lines: Variable.

Method of Treatment: Secondary.

Capacity: 5 million gallons per day/Juneau plant, 1.4 million gallons per day/Mendenhall plant, .1 million gallsons per day/Auke Bay plant.

Water/Sewer Rates:

Note: Metered water/sewer rates do not include minimum monthly bill.

Water Rates

Supplier	Unmetered Residential (monthly flat rate)[a]	Metered Residential (per 1,000 gal.)	Metered Commercial (per 1,000 gal.)
Juneau Service Area	$16.00/unit + 7.50/additional unit	$1.08	$1.08

[a] For a 3/4" pipe.

Sewer Rates

Supplier	Residential (monthly flat rate)	Commercial
Juneau Service Area	$17.00/unit	Varies according to business classification

Electricity:

Supplier: Alaska Light & Power Company, Glacier Highway Electric Association.

Electric Rates:

Note: Electric rates do not include capacity charge or minimum monthly bill.

Alaska Electric Light & Power Company

Residential Rates

Partially Electric		
First	200 kwh	$.066/kwh
Over	200 kwh	$.05/kwh
Mostly - All Electric		
First	180 kwh	$.066/kwh
Over	180 kwh	$.041/kwh

Small Commercial Rates

First	1,000 kwh	$.066/kwh
Next	3,100 kwh	$.062/kwh
Over	4,100 kwh	$.049/kwh

Glacier Highway Electric Association

Residential Rates

First	650 kwh	$.107/kwh
Over	650 kwh	$.053/kwh

Small Commercial Rates

First	1,000 kwh	$.107/kwh
Over	1,000 kwh	$.055/kwh

Large Commercial Rates

First	10,000 kwh	$.067/kwh
Over	10,000 kwh	$.048/kwh

Large Commercial Interruptable Rates

First	10,000 kwh	$.061/kwh
Over	10,000 kwh	$.043/kwh

Telephone:

Supplier: Continental Telephone System

Residential Rates: $7.20-20.70.

Business Rates: $21.00-23.50.

LOCAL GOVERNMENT

City and Borough of Juneau: Unified home rule with a city manager - council form of government.

Property Taxes: 1982

Real property and personal property are taxed.

Real Property Valuations for the City and Borough of Juneau

Land	Improvements	Total
$207,972,000	$531,520,700	$739,492,700

Personal Property Valuations for the City and Borough of Juneau

General	Business	Total
$402,500	$99,280,225	$99,682,725

Total Property Valuations for the City and Borough of Juneau

Locally Assessed	State Assessed	Total
$839,175,425	- 0 -	$839,175,425

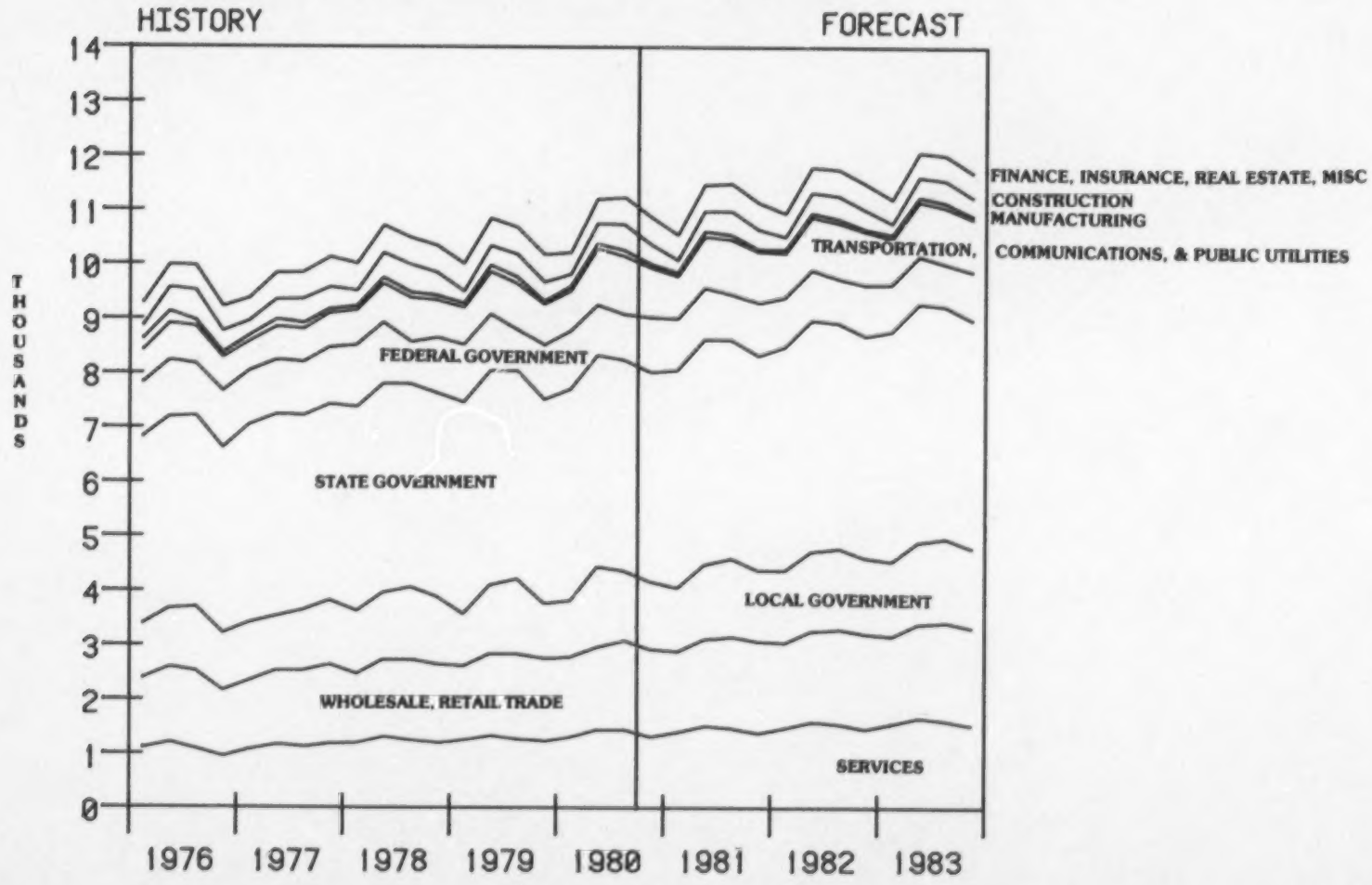
Property tax rates vary at 8.07-11.87 mills, depending on the service area.

Sales Taxes: The City of Juneau has a 3% sales tax. The Borough has a 1% sales tax.

Juneau Police Department: 37 personnel.

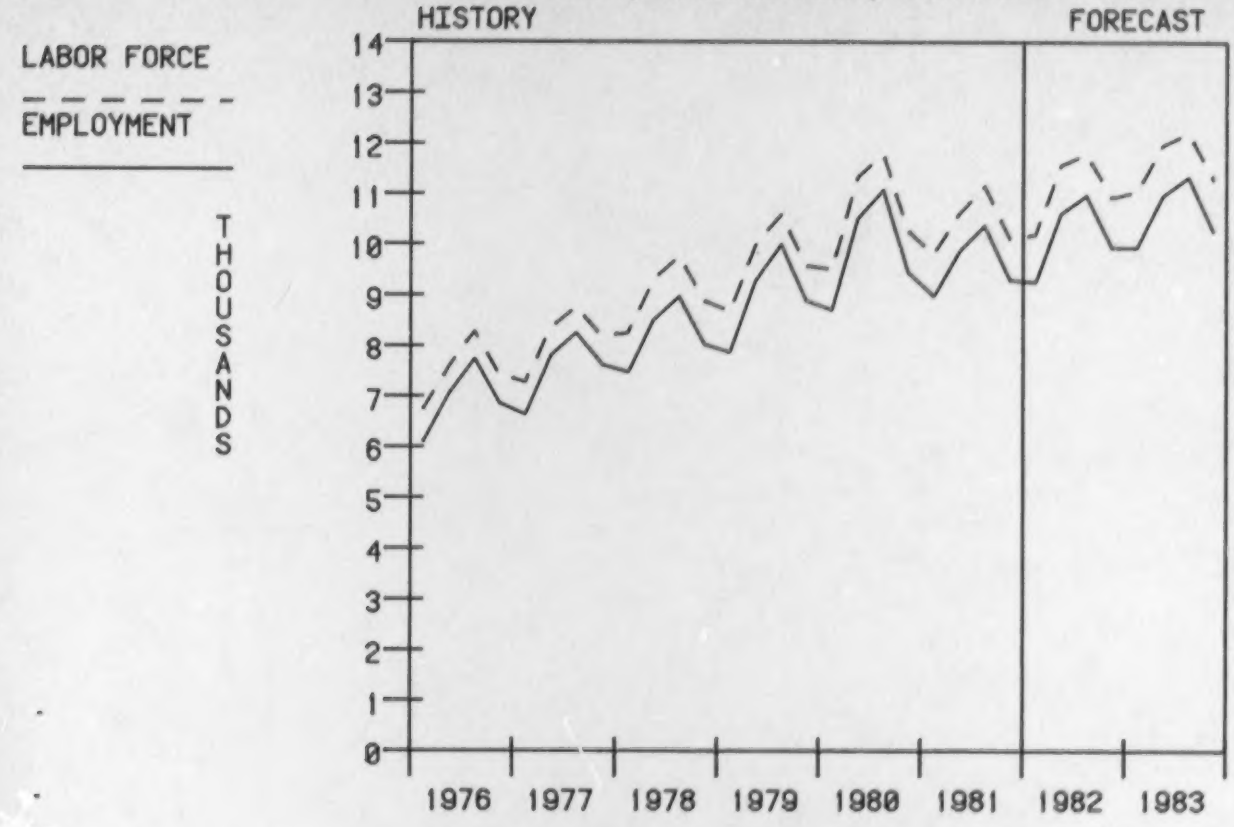
Fire Department: 35 personnel in the City of Juneau and Glacier Valley fire departments. Volunteer forces at Douglas, Auke Bay, and Lynn Canal.

Insurance Classification: City of Juneau has a 5 rating. Douglas has a rating of 6.


JUNEAU
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
HISTORY
FORECAST
THOUSANDS
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
1976
1977
1978
1979
1980
1981
1982
1983
FINANCE, INSURANCE, REAL ESTATE, MISC
CONSTRUCTION
MANUFACTURING
TRANSPORTATION, COMMUNICATIONS, & PUBLIC UTILITIES
FEDERAL GOVERNMENT
STATE GOVERNMENT
LOCAL GOVERNMENT
WHOLESALE, RETAIL TRADE
SERVICES

JUNEAU

EMPLOYMENT, UNEMPLOYMENT, AND LABOR FORCE



JUNEAU, ALASKA, AND U.S.

UNEMPLOYMENT RATES

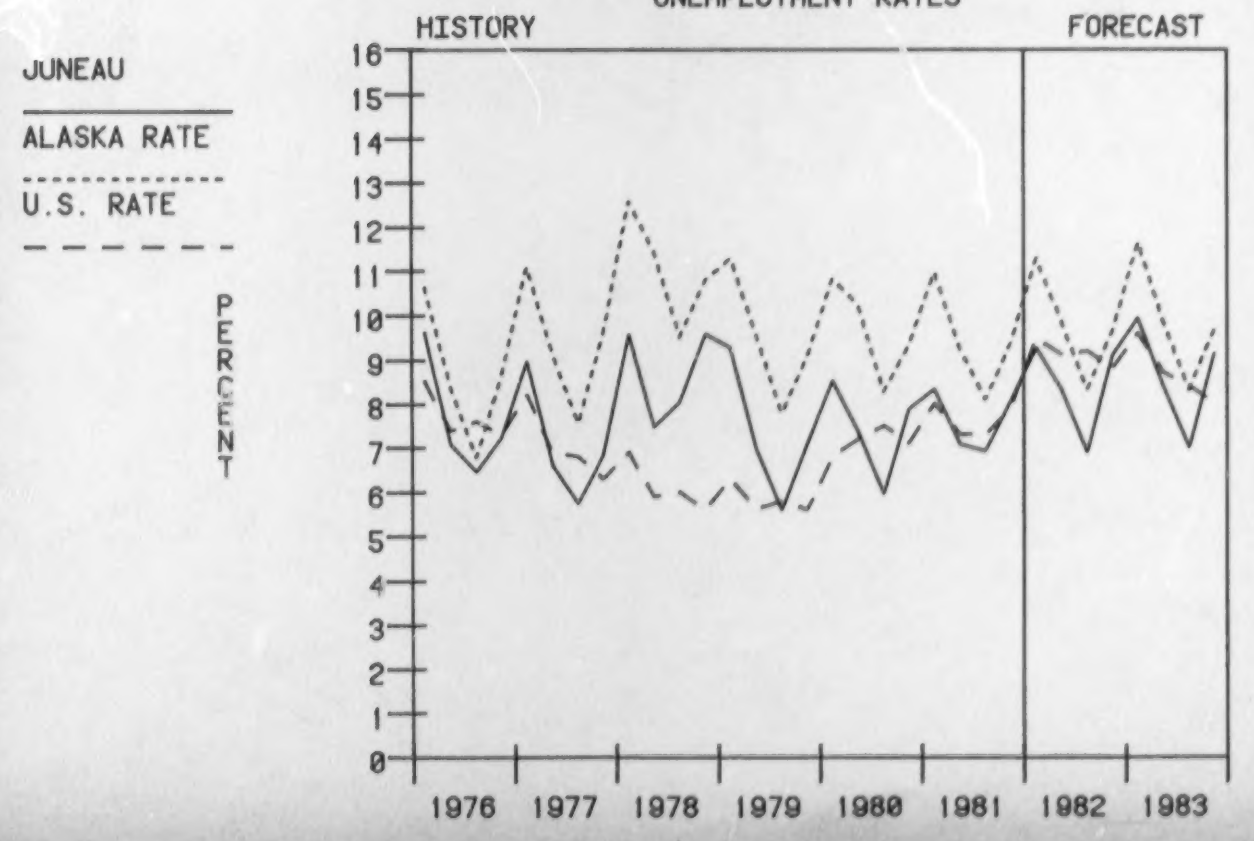


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TABLE III
JUNEAU CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

JUNEAU CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1976:1	1976:2	1976:3	1976:4	ANNUAL AVERAGE 1976	1977:1	1977:2	1977:3	1977:4	ANNUAL AVERAGE 1977
LABOR FORCE (CPS BASIS)	6,757	7,589	8,275	7,396	7,504	7,282	8,361	8,761	8,172	8,144
EMPLOYMENT (CPS BASIS)	6,108	7,052	7,741	6,859	6,940	6,629	7,810	8,261	7,613	7,578
UNEMPLOYMENT (CPS BASIS)	649	537	535	536	564	653	552	503	559	567
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	9.6	7.1	6.5	7.3	7.6	9.0	6.6	5.7	6.8	7.0

NOTE: CPS = CURRENT POPULATION SURVEY

JUNEAU CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	247	443	545	386	405	273	368	451	394	372
MANUFACTURING (SIC 20,22-39)	202	213	117	94	157	111	129	110	79	107
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	602	677	679	607	641	534	604	606	627	593
WHOLESALE TRADE (SIC 50-51)	134	124	139	136	133	129	136	143	141	137
RETAIL TRADE (SIC 52-59)	1,154	1,258	1,286	1,077	1,194	1,133	1,231	1,266	1,308	1,235
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	399	382	417	425	406	402	481	467	543	473
SERVICES (SIC 70-89)	1,103	1,212	1,090	955	1,090	1,091	1,176	1,134	1,196	1,149
GOVERNMENT	5,432	5,639	5,655	5,510	5,559	5,697	5,706	5,656	5,830	5,722
FEDERAL	1,002	1,082	1,191	1,059	1,084	1,073	1,002	1,109	1,190	1,094
STATE	3,439	3,529	3,515	3,397	3,470	3,628	3,696	3,569	3,594	3,622
LOCAL	991	1,028	949	1,054	1,006	996	1,008	978	1,046	1,007
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	15	35	34	31	29	14	10	17	10	13
TOTAL	9,288	9,983	9,962	9,221	9,614	9,384	9,841	9,850	10,128	9,801

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

9/14/82

TABLE III
JUNEAU CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

JUNEAU CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1978:1	1978:2	1978:3	1978:4	ANNUAL AVERAGE 1978	1979:1	1979:2	1979:3	1979:4	ANNUAL AVERAGE 1979
LABOR FORCE (CPS BASIS)	8,259	9,302	9,760	8,875	9,049	8,675	9,990	10,596	9,573	9,709
EMPLOYMENT (CPS BASIS)	7,468	8,508	8,976	8,026	8,245	7,872	9,293	10,004	8,896	9,016
UNEMPLOYMENT (CPS BASIS)	791	694	785	849	780	804	697	592	677	692
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	9.6	7.5	8.0	9.6	8.7	9.3	7.0	5.6	7.1	7.2

NOTE: CPS = CURRENT POPULATION SURVEY

JUNEAU CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	283	451	497	420	413	215	360	413	341	332
MANUFACTURING (SIC 20,22-39)	75	100	105	83	91	78	125	123	56	96
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	645	725	804	690	716	678	782	841	750	763
WHOLESALE TRADE (SIC 50-51)	117	120	126	126	122	116	118	118	129	120
RETAIL TRADE (SIC 52-59)	1,149	1,302	1,364	1,313	1,282	1,228	1,392	1,452	1,395	1,367
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	471	480	474	473	475	476	475	468	487	477
SERVICES (SIC 70-89)	1,203	1,312	1,249	1,206	1,243	1,266	1,334	1,271	1,237	1,277
GOVERNMENT	6,046	6,186	5,835	6,000	6,017	5,912	6,232	5,958	5,760	5,966
FEDERAL	1,157	1,242	1,328	1,248	1,244	958	1,273	1,379	1,011	1,155
STATE	3,754	3,827	3,728	3,732	3,760	3,896	3,926	3,823	3,742	3,847
LOCAL	1,135	1,117	779	1,020	1,013	1,058	1,033	756	1,007	964
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	13	28	27	32	25	32	32	33	32	32
TOTAL	10,002	10,704	10,481	10,343	10,383	10,001	10,850	10,677	10,187	10,429

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION
EMPLOYMENT IN MANUFACTURING ESTIMATED FOR 1978:2

9/14/82

TABLE III
JUNEAU CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

JUNEAU CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1980:1	1980:2	1980:3	1980:4	ANNUAL AVERAGE 1980	1981:1	1981:2	1981:3	1981:4	ANNUAL AVERAGE 1981
LABOR FORCE (CPS BASIS)	9,511	11,344	11,781	10,268	10,726	9,801	10,623	11,153	10,111	10,422
EMPLOYMENT (CPS BASIS)	8,701	10,508	11,079	9,459	9,937	8,985	9,873	10,382	9,296	9,634
UNEMPLOYMENT (CPS BASIS)	809	835	702	809	789	816	750	771	815	788
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	8.5	7.4	6.0	7.9	7.4	8.3	7.1	6.9	8.1	7.6

NOTE: CPS = CURRENT POPULATION SURVEY

JUNEAU CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	224	381	463	364	358	228	380	445	358	353
MANUFACTURING (SIC 20,22-39)	87	84	112	63	87	71	90	87	50	74
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	740	1,039	1,077	916	943	770	948	1,006	940	916
WHOLESALE TRADE (SIC 50-51)	138	150	144	133	141	126	129	135	134	131
RETAIL TRADE (SIC 52-59)	1,336	1,376	1,502	1,478	1,423	1,348	1,468	1,552	1,544	1,478
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	368	408	457	445	420	405	425	429	448	427
SERVICES (SIC 70-89)	1,317	1,448	1,446	1,315	1,381	1,406	1,515	1,468	1,383	1,443
GOVERNMENT	5,990	6,278	5,983	6,097	6,087	6,131	6,457	6,297	6,233	6,280
FEDERAL	1,043	1,470	1,272	1,236	1,255	1,177	1,373	1,442	1,311	1,326
STATE	3,884	3,893	3,883	3,862	3,881	4,008	4,141	4,021	3,958	4,032
LOCAL	1,063	915	828	999	951	945	943	834	964	922
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	25	42	56	50	43	47	54	66	50	54
TOTAL	10,225	11,206	11,240	10,861	10,883	10,531	11,467	11,484	11,141	11,156

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

TABLE III
JUNEAU CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

JUNEAU CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1982:1	1982:2	1982:3	1982:4	ANNUAL AVERAGE 1982	1983:1	1983:2	1983:3	1983:4	ANNUAL AVERAGE 1983
LABOR FORCE (CPS BASIS)	10,205	11,576	11,794	10,938	11,128	11,050	11,965	12,201	11,290	11,627
EMPLOYMENT (CPS BASIS)	9,260	10,614	10,980	9,942	10,199	9,951	10,961	11,347	10,259	10,630
UNEMPLOYMENT (CPS BASIS)	945	962	813	997	929	1,098	1,004	854	1,031	997
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	9.3	8.3	6.9	9.1	8.4	9.9	8.4	7.0	9.1	8.6

NOTE: CPS = CURRENT POPULATION SURVEY

JUNEAU CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	230	372	426	352	345	220	359	411	337	332
MANUFACTURING (SIC 20,22-39)	63	77	70	49	65	72	87	82	53	73
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	807	975	1,027	979	947	824	998	1,036	973	958
WHOLESALE TRADE (SIC 50-51)	130	132	138	139	135	132	134	139	139	136
RETAIL TRADE (SIC 52-59)	1,427	1,542	1,615	1,616	1,550	1,482	1,599	1,667	1,657	1,601
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	406	424	431	437	424	400	414	418	422	413
SERVICES (SIC 70-89)	1,482	1,593	1,545	1,455	1,519	1,555	1,669	1,621	1,524	1,592
GOVERNMENT	6,367	6,634	6,445	6,424	6,468	6,484	6,765	6,589	6,552	6,597
FEDERAL	1,337	1,457	1,485	1,406	1,421	1,376	1,509	1,548	1,469	1,475
STATE	4,116	4,258	4,142	4,078	4,149	4,234	4,380	4,264	4,196	4,269
LOCAL	915	919	819	939	898	874	876	777	887	853
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	37	44	58	46	46	33	40	55	43	43
TOTAL	10,950	11,793	11,755	11,494	11,498	11,203	12,066	12,018	11,700	11,746

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

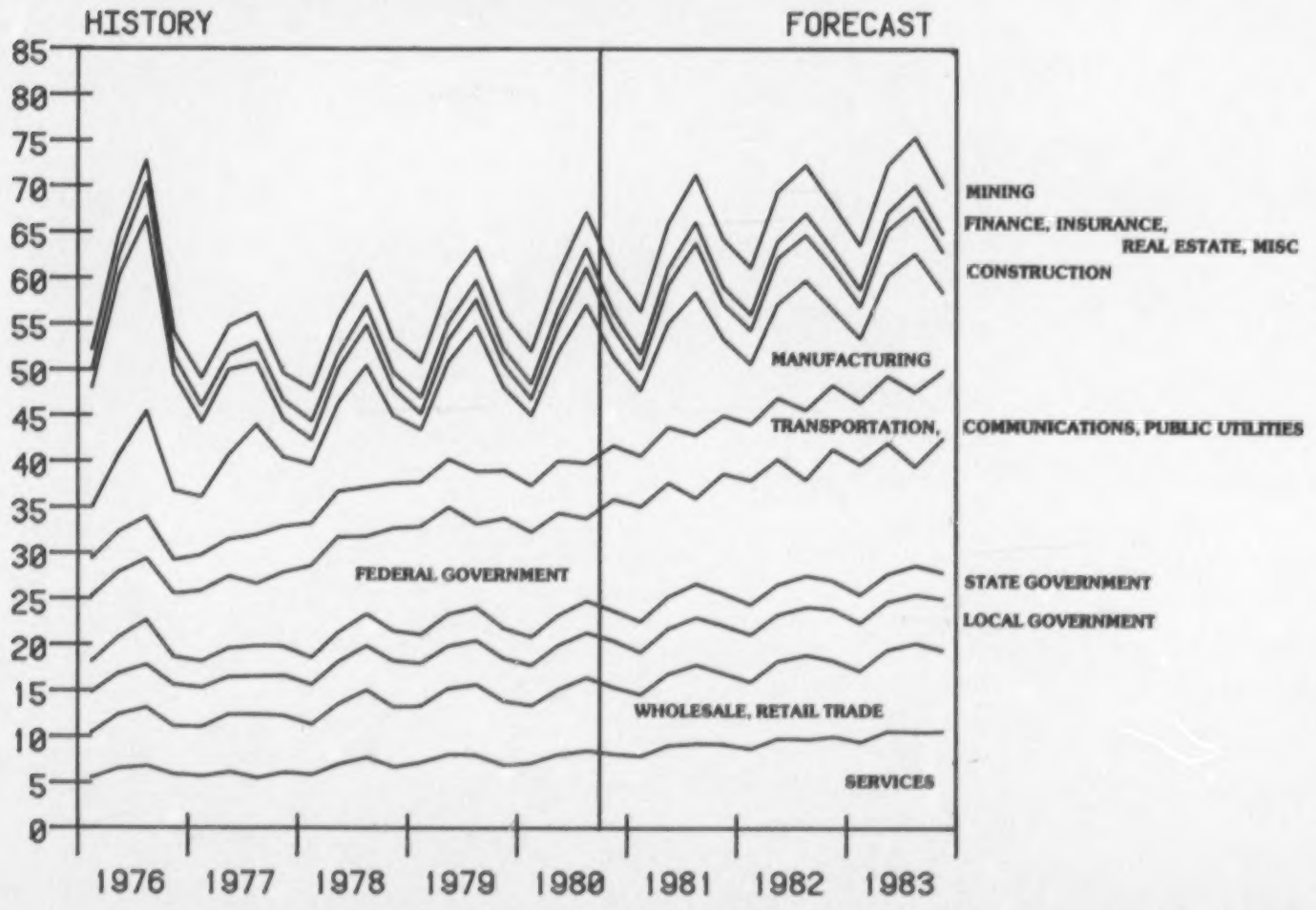
NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

'REST-OF-THE-STATE'

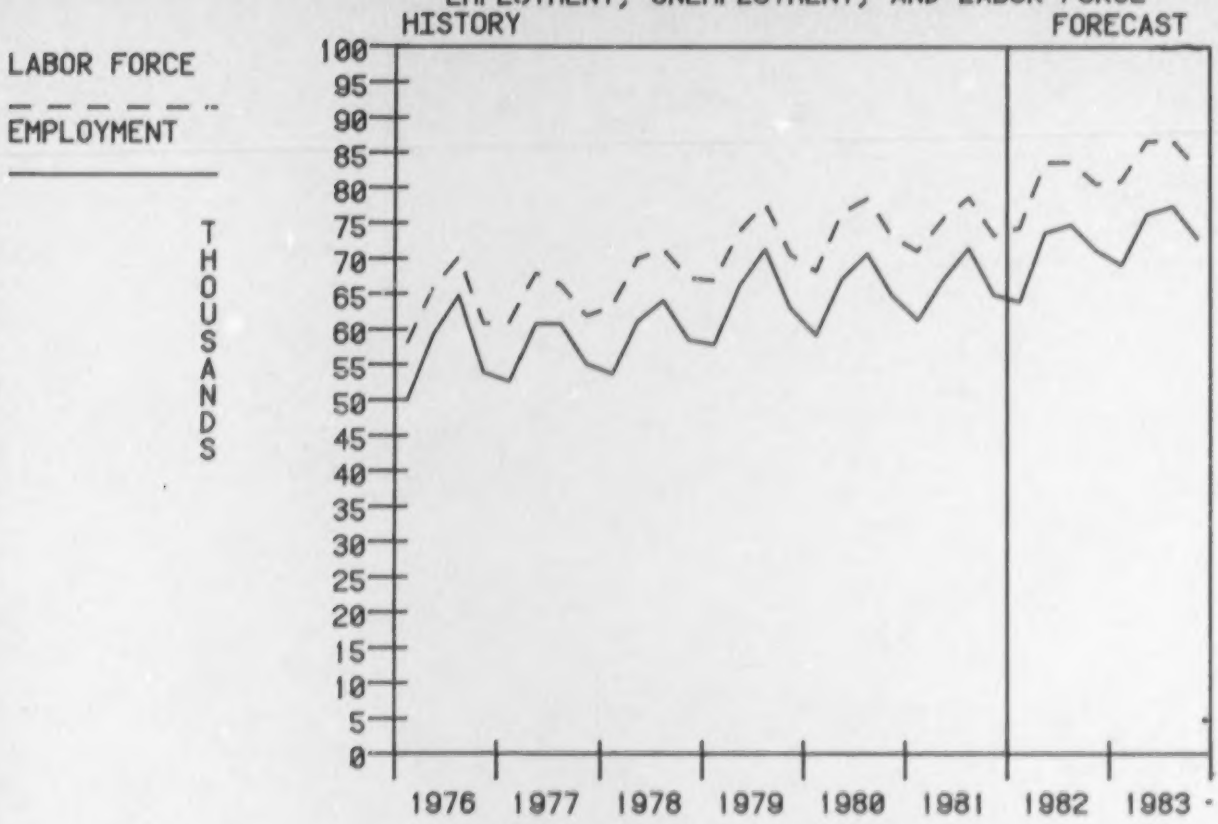
(Alaska except Anchorage, Fairbanks, Juneau)

The 'Rest-of-the State' exhibits characteristics drastically different from the three largest metropolitan areas - Anchorage, Fairbanks, and Juneau. Since these are the principal urban centers of Alaska, the 'Rest-of-the-State' is comprised of small communities and great expanses of sparsely populated rural areas. As a consequence, the industrial structure of the labor force is dissimilar to the labor force in Alaska's three major urban centers. The economy of the 'Rest-of-the-State' is a combination of a subsistence economy in rural areas, and predominately seasonal industries in urban areas. Therefore, the unemployment rate for the 'Rest-of-the-State' is higher than it is for Anchorage or Juneau. However, the Fairbanks unemployment rate has a greater similarity to the 'Rest-of-the-State' unemployment rate than it has to the Anchorage or Juneau unemployment rates.

'REST-OF-STATE'
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



'REST-OF-STATE'
EMPLOYMENT, UNEMPLOYMENT, AND LABOR FORCE



'REST-OF-STATE', ALASKA, AND U.S.
UNEMPLOYMENT RATES

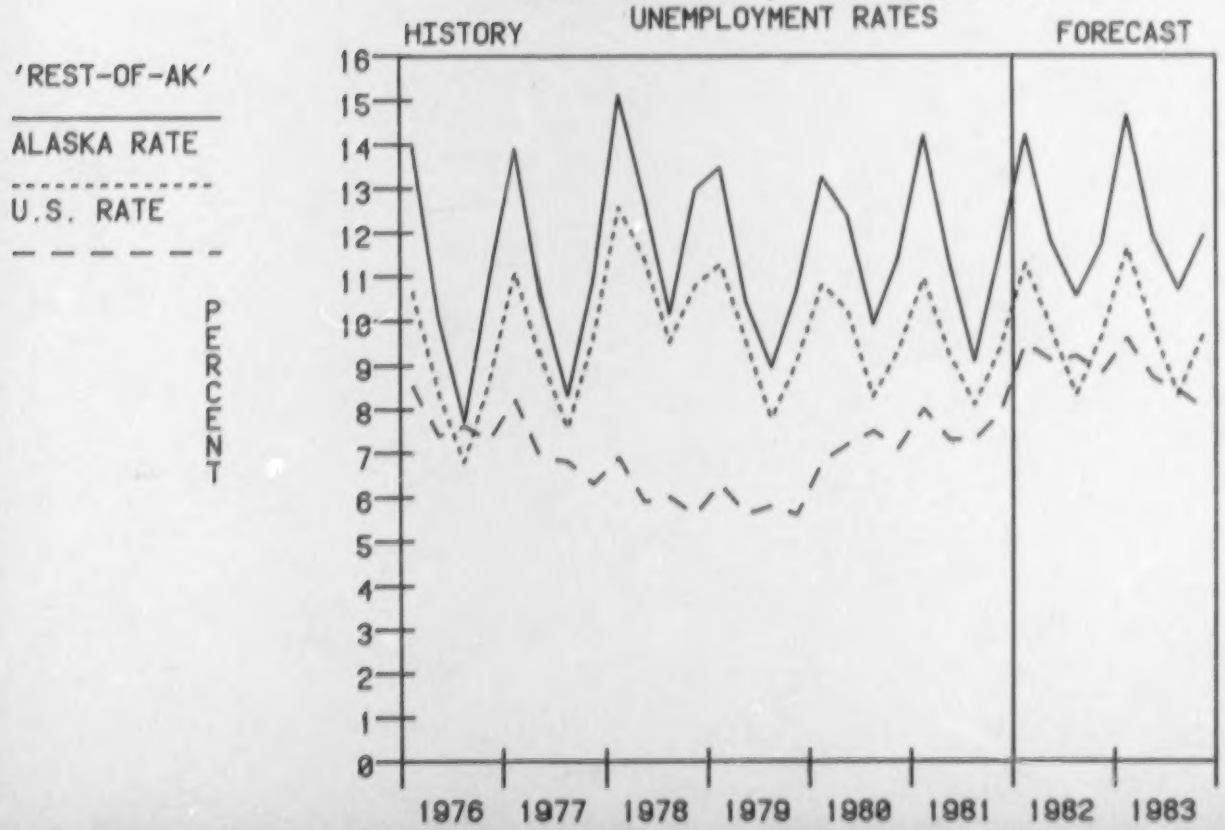


TABLE IV
ALASKA EXCEPT ANCHORAGE, FAIRBANKS AND JUNEAU
LABOR FORCE AND EMPLOYMENT

'REST-OF-STATE' LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1976:1	1976:2	1976:3	1976:4	ANNUAL AVERAGE 1976	1977:1	1977:2	1977:3	1977:4	ANNUAL AVERAGE 1977
LABOR FORCE (CPS BASIS)	58,156	65,824	70,186	60,753	63,730	61,048	67,905	66,287	61,898	64,284
EMPLOYMENT (CPS BASIS)	50,071	59,196	64,774	53,799	56,960	52,554	60,797	60,783	55,114	57,312
UNEMPLOYMENT (CPS BASIS)	8,085	6,628	5,412	6,655	6,695	8,497	7,108	5,501	6,783	6,972
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	13.9	10.1	7.7	11.0	10.7	13.9	10.5	8.3	11.0	10.9

NOTE: CPS = CURRENT POPULATION SURVEY

'REST-OF-STATE' NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	2,174	2,283	2,556	2,630	2,411	2,975	3,172	3,237	3,030	3,104
CONTRACT CONSTRUCTION (SIC 15-17)	13,083	19,472	21,190	12,745	16,623	8,138	9,268	6,708	4,152	7,067
MANUFACTURING (SIC 20,22-39)	5,531	8,299	11,547	7,419	8,199	6,239	9,154	12,005	7,490	8,722
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	4,147	4,458	4,527	3,748	4,220	3,913	4,030	5,353	5,022	4,580
WHOLESALE TRADE (SIC 50-51)	753	856	782	634	756	625	736	870	582	703
RETAIL TRADE (SIC 52-59)	4,210	5,073	5,542	4,579	4,851	4,730	5,548	6,001	5,539	5,455
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	1,218	1,398	1,793	1,361	1,443	1,359	1,439	1,770	1,852	1,605
SERVICES (SIC 70-89)	5,522	6,565	6,866	5,921	6,219	5,711	6,202	5,561	6,152	5,907
GOVERNMENT	14,847	15,492	16,279	14,475	15,273	14,890	15,069	14,246	15,697	14,976
FEDERAL	4,370	4,464	4,723	4,567	4,531	4,297	4,068	4,141	4,402	4,227
STATE	3,343	3,947	4,892	2,991	3,793	2,853	3,147	3,375	3,106	3,120
LOCAL	7,134	7,081	6,664	6,917	6,949	7,740	7,854	6,730	8,189	7,628
MISCELLANEOUS EMPLOYMENT	775	881	1,813	597	1,017	535	216	415	181	337
TOTAL	52,260	64,777	72,895	54,109	61,010	49,115	54,834	56,166	49,697	52,453

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

9/14/82

TABLE IV
ALASKA EXCEPT ANCHORAGE, FAIRBANKS AND JUNEAU
LABOR FORCE AND EMPLOYMENT

'REST-OF-STATE' LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1978:1	1978:2	1978:3	1978:4	ANNUAL AVERAGE 1978	1979:1	1979:2	1979:3	1979:4	ANNUAL AVERAGE 1979
LABOR FORCE (CPS BASIS)	63,211	70,053	71,334	67,200	67,949	66,874	74,023	77,783	70,604	72,321
EMPLOYMENT (CPS BASIS)	53,654	61,182	64,093	58,484	59,353	57,857	66,307	71,396	63,069	64,657
UNEMPLOYMENT (CPS BASIS)	9,556	8,972	7,241	8,716	8,621	9,017	7,716	6,954	7,535	7,806
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	15.1	12.8	10.2	13.0	12.8	13.5	10.4	8.9	10.7	10.9

NOTE: CPS = CURRENT POPULATION SURVEY

'REST-OF-STATE' NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	3,399	3,801	3,761	3,565	3,632	3,772	4,005	3,692	3,534	3,751
CONTRACT CONSTRUCTION (SIC 15-17)	2,686	3,659	4,352	3,046	3,436	1,753	2,372	2,960	2,487	2,393
MANUFACTURING (SIC 20,22-39)	6,319	9,657	13,266	7,334	9,144	5,674	10,623	15,721	9,045	10,266
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	4,655	4,965	5,359	4,875	4,964	4,840	5,226	5,754	5,271	5,273
WHOLESALE TRADE (SIC 50-51)	494	607	747	569	604	549	804	779	532	666
RETAIL TRADE (SIC 52-59)	5,043	5,937	6,612	5,937	5,882	5,650	6,418	6,968	6,442	6,370
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	1,961	1,518	1,753	1,694	1,732	1,830	1,967	1,907	1,707	1,853
SERVICES (SIC 70-89)	5,840	7,100	7,811	6,738	6,872	7,241	8,113	7,983	6,921	7,565
GOVERNMENT	17,313	18,175	16,723	19,565	17,944	19,536	19,752	17,511	19,934	19,183
FEDERAL	4,322	4,561	4,780	5,031	4,674	4,603	4,649	4,801	4,682	4,684
STATE	2,901	3,219	3,500	3,257	3,219	3,112	3,450	3,653	3,257	3,368
LOCAL	10,090	10,395	8,443	11,277	10,051	11,821	11,653	9,057	11,995	11,132
MISCELLANEOUS EMPLOYMENT	141	129	330	3	151	2	17	155	4	45
TOTAL	47,851	55,548	60,714	53,326	54,360	50,847	59,297	63,430	55,877	57,363

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

9/14/82

TABLE IV
ALASKA EXCEPT ANCHORAGE, FAIRBANKS AND JUNEAU
LABOR FORCE AND EMPLOYMENT

'REST-OF-STATE' LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1980:1	1980:2	1980:3	1980:4	ANNUAL AVERAGE 1980	1981:1	1981:2	1981:3	1981:4	ANNUAL AVERAGE 1981
LABOR FORCE (CPS BASIS)	68,236	76,607	78,536	73,174	74,138	71,111	75,704	78,676	73,313	74,701
EMPLOYMENT (CPS BASIS)	59,188	67,132	70,735	64,806	65,465	61,340	67,127	71,535	64,823	66,206
UNEMPLOYMENT (CPS BASIS)	9,048	9,475	7,803	8,368	8,674	10,104	8,580	7,142	8,490	8,579
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	13.3	12.4	9.9	11.4	11.7	14.2	11.3	9.1	11.6	11.5

NOTE: CPS = CURRENT POPULATION SURVEY

'REST-OF-STATE' NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	3,492	3,897	3,869	4,253	3,878	4,612	4,950	5,142	5,194	4,974
CONTRACT CONSTRUCTION (SIC 15-17)	1,848	2,894	4,034	3,046	2,955	2,357	4,179	5,287	3,725	3,887
MANUFACTURING (SIC 20,22-39)	7,593	11,815	17,266	9,758	11,608	7,123	11,306	15,574	8,432	10,609
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	5,094	5,683	6,033	5,835	5,661	5,559	6,111	6,888	6,303	6,215
WHOLESALE TRADE (SIC 50-51)	562	665	719	576	630	554	686	779	585	651
RETAIL TRADE (SIC 52-59)	5,640	6,447	7,271	6,727	6,521	6,150	7,074	7,799	7,143	7,041
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	1,666	1,717	1,900	1,795	1,770	1,666	1,761	2,042	1,930	1,850
SERVICES (SIC 70-89)	7,191	8,107	8,489	8,127	7,979	7,874	9,139	9,319	9,202	8,883
GOVERNMENT	18,943	19,182	17,311	20,474	18,978	20,476	20,750	18,116	21,768	20,278
FEDERAL	4,432	4,779	4,894	5,027	4,783	4,643	4,891	5,128	5,253	4,979
STATE	3,060	3,322	3,436	3,320	3,285	3,367	3,456	3,632	3,466	3,480
LOCAL	11,451	11,081	8,981	12,127	10,910	12,466	12,402	9,356	13,049	11,818
MISCELLANEOUS EMPLOYMENT	2	18	241	28	72	28	44	219	22	78
TOTAL	52,031	60,425	67,133	60,618	60,052	56,399	65,997	71,166	64,304	64,467

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

9/14/82

TABLE IV
ALASKA EXCEPT ANCHORAGE, FAIRBANKS AND JUNEAU
LABOR FORCE AND EMPLOYMENT

'REST-OF-STATE' LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1982:1	1982:2	1982:3	1982:4	ANNUAL AVERAGE 1982	1983:1	1983:2	1983:3	1983:4	ANNUAL AVERAGE 1983
LABOR FORCE (CPS BASIS)	74,480	83,657	83,658	80,585	80,595	80,985	86,676	86,783	82,713	84,289
EMPLOYMENT (CPS BASIS)	63,888	73,768	74,821	71,142	70,904	69,119	76,332	77,503	72,847	73,950
UNEMPLOYMENT (CPS BASIS)	10,592	9,889	8,837	9,443	9,690	11,867	10,344	9,280	9,866	10,339
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	14.2	11.8	10.6	11.7	12.1	14.7	11.9	10.7	11.9	12.3

NOTE: CPS = CURRENT POPULATION SURVEY

'REST-OF-STATE' NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	5,056	5,363	5,320	4,979	5,179	4,723	5,166	5,275	5,051	5,054
CONTRACT CONSTRUCTION (SIC 15-17)	3,655	4,962	4,944	4,470	4,508	3,473	4,930	5,051	4,380	4,458
MANUFACTURING (SIC 20,22-39)	6,553	10,263	14,109	8,203	9,782	7,081	10,941	15,107	8,589	10,430
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	6,167	6,643	7,569	7,017	6,849	6,734	7,273	8,055	7,353	7,354
WHOLESALE TRADE (SIC 50-51)	668	794	916	728	777	743	870	971	745	832
RETAIL TRADE (SIC 52-59)	6,612	7,581	8,327	7,613	7,533	7,023	8,030	8,774	7,997	7,956
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	1,797	1,864	2,145	2,001	1,952	1,859	1,916	2,186	2,008	1,992
SERVICES (SIC 70-89)	8,748	9,860	9,712	10,021	9,585	9,476	10,666	10,489	10,677	10,327
GOVERNMENT	21,904	22,058	19,092	23,031	21,521	22,432	22,534	19,278	23,148	21,848
FEDERAL	5,124	5,106	5,189	5,528	5,237	5,199	5,206	5,314	5,637	5,339
STATE	3,289	3,317	3,462	3,151	3,305	3,048	3,043	3,149	2,822	3,016
LOCAL	13,491	13,635	10,442	14,352	12,980	14,185	14,284	10,815	14,688	13,493
MISCELLANEOUS EMPLOYMENT	18	30	191	23	66	19	31	197	23	68
TOTAL	61,178	69,419	72,327	68,084	67,752	63,562	72,357	75,384	69,971	70,318

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

APPENDIX

Historical employment and income data published in the following tables have been updated to correspond with revisions released by the Alaska Department of Labor, and the U.S. Department of Commerce, Bureau of Economic Analysis.

NOTES

Nonagricultural Employment Data Are Estimated for the Fourth Quarter, 1980 through the Third Quarter, 1981

As forecasts are extended farther into the future, the accuracy of the forecast diminishes. Therefore, it is important to obtain historical data to the latest available date, and to use estimates of historical data if such estimates appear to be reasonably accurate.

The latest available actual Alaska nonagricultural wage and salary data are for the third quarter of 1980. These data are contained in the Alaska Department of Labor's (ADOL) "Statistical Quarterly". The ADOL also publishes estimated nonagricultural wage and salary employment numbers in the monthly "Alaska Economic Trends". The numbers contained in "Trends" have been combined with prior AEIRS forecasts to obtain estimated employment on a quarterly basis by industrial category (SIC code) consistent with both the AEIRS model and with prior historical patterns. These estimates are made for the fourth quarter of 1980 through the third quarter of 1981. For an explanation of the details of the procedure used to make these estimates, the interested reader should contact Elliot Wetzler at Budget and Management.

EMPLOYMENT (CURRENT POPULATION SURVEY DEFINITION)

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked fifteen hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple Jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid Absences From Jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week - that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

Employment data, except those for the Federal government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article, "Comparing Employment Estimates from Household and Payroll Surveys," in the Monthly Labor Review, December 1969.

BASE CASE FORECAST

TABLE I
STATE OF ALASKA *
POPULATION, LABOR FORCE, AND EMPLOYMENT

POPULATION AND LABOR FORCE (THOUSANDS, NOT SEASONALLY ADJUSTED)

	1978:1	1978:2	1978:3	1978:4	ANNUAL AVERAGE 1978	1979:1	1979:2	1979:3	1979:4	ANNUAL AVERAGE 1979
POPULATION (TRENDED)	410.7	410.8	411.2	410.3	410.8	408.1	406.4	406.2	404.2	406.2
LABOR FORCE (CPS BASIS)	171.9	185.7	186.8	179.6	181.0	171.1	183.7	190.3	178.9	181.0
EMPLOYMENT (CPS BASIS)	150.9	164.1	168.7	160.4	161.0	151.6	165.9	176.0	162.5	164.0
UNEMPLOYMENT (CPS BASIS)	21.1	21.6	18.1	19.2	20.0	19.5	17.8	14.4	16.4	17.0
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	12.3	11.6	9.7	10.7	11.1	11.4	9.7	7.5	9.2	9.4
NOTE: CPS = CURRENT POPULATION SURVEY										

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	5,380	5,782	5,698	5,390	5,563	5,642	5,903	5,919	5,626	5,773
CONTRACT CONSTRUCTION (SIC 15-17)	10,226	12,572	14,817	11,345	12,240	7,461	9,846	12,806	10,253	10,092
MANUFACTURING (SIC 20,22-39)	8,325	11,922	16,091	9,587	11,481	7,800	13,139	18,821	11,511	12,818
LOGGING AND SAWMILLS (SIC 241-242)	903	2,024	2,151	1,656	1,684	971	2,034	2,687	2,257	1,987
PAPER AND PULP PRODUCTS (SIC 26)	1,168	1,197	1,190	750	1,076	1,066	1,248	1,033	1,017	1,091
FISH AND SEAFOOD PROCESSING (SIC 209)	3,681	5,862	9,584	4,350	5,869	3,317	6,840	11,736	5,223	6,779
OTHER MANUFACTURING	2,573	2,839	3,166	2,831	2,852	2,446	3,017	3,365	3,014	2,961
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	15,507	16,542	17,521	15,905	16,369	15,609	16,726	17,831	16,650	16,704
TRUCKING (SIC 421)	2,050	2,147	2,257	1,879	2,083	1,813	1,761	1,799	1,648	1,755
WATER TRANSPORTATION (SIC 44)	830	1,376	1,359	1,109	1,169	916	1,292	1,477	1,255	1,235
AIR TRANSPORTATION (SIC 45)	4,228	4,431	4,871	4,565	4,524	4,475	5,041	5,475	5,008	5,000
OTHER TRANSPORTATION	3,227	3,067	3,375	2,873	3,136	2,812	2,987	3,347	3,065	3,053
COMMUNICATIONS (SIC 48)	3,905	4,028	4,163	4,112	4,052	4,214	4,224	4,289	4,301	4,257
PUBLIC UTILITIES (SIC 49)	1,267	1,493	1,496	1,367	1,406	1,379	1,421	1,444	1,373	1,404
WHOLESALE TRADE (SIC 50-51)	5,531	5,743	5,988	5,621	5,721	5,289	5,679	5,735	5,340	5,511
RETAIL TRADE (SIC 52-59)	21,638	23,197	24,161	23,431	23,107	22,479	24,098	24,901	24,030	23,877
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	8,442	7,966	8,341	8,163	8,228	8,093	8,208	8,021	7,819	8,035
SERVICES (SIC 70-89)	25,805	27,725	29,540	27,273	27,586	27,558	28,658	29,807	27,358	28,345
GOVERNMENT	51,761	52,892	49,427	55,085	52,291	54,886	55,814	50,828	56,603	54,533
FEDERAL	17,501	18,055	18,720	18,396	18,168	17,516	17,816	18,641	17,688	17,915
STATE	13,842	14,275	14,440	14,829	14,347	14,652	15,041	15,059	15,155	14,977
LOCAL	20,418	20,562	16,267	21,860	19,777	22,718	22,957	17,128	23,760	21,641
MISCELLANEOUS EMPLOYMENT	515	663	967	510	664	480	746	975	676	719
TOTAL	153,130	165,004	172,551	162,310	163,249	155,297	168,817	175,644	165,866	166,406

FORECAST PERIODS ARE: POPULATION (1981:3 TO 1983:4)
LABOR FORCE (1982:1 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1981:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION
PAPER AND PULP EMPLOYMENT FOR 1978:4, 1979:1 IS ESTIMATED.

BASE CASE FORECAST

TABLE I
STATE OF ALASKA
POPULATION, LABOR FORCE, AND EMPLOYMENT

POPULATION AND LABOR FORCE (THOUSANDS, NOT SEASONALLY ADJUSTED)

	1980:1	1980:2	1980:3	1980:4	ANNUAL AVERAGE 1980	1981:1	1981:2	1981:3	1981:4	ANNUAL AVERAGE 1981
POPULATION (TRENDED)	402.3	400.5	408.2	411.6	405.6	415.1	418.6	422.1	424.7	420.1
LABOR FORCE (CPS BASIS)	173.5	191.3	197.1	186.1	187.0	180.2	191.6	202.5	201.5	193.9
EMPLOYMENT (CPS BASIS)	154.7	171.7	180.7	169.0	169.0	160.4	173.9	186.1	182.1	175.6
UNEMPLOYMENT (CPS BASIS)	18.8	19.6	16.4	17.2	18.0	19.8	17.7	16.4	19.4	18.3
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	10.8	10.3	8.3	9.2	9.7	11.0	9.3	8.1	9.6	9.5

NOTE: CPS = CURRENT POPULATION SURVEY

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	5,957	6,440	6,879	6,794	6,518	7,387	7,785	8,319	8,232	7,931
CONTRACT CONSTRUCTION (SIC 15-17)	7,311	10,474	14,044	11,044	10,718	8,814	13,208	17,038	12,304	12,841
MANUFACTURING (SIC 20,22-39)	9,767	14,331	20,404	12,236	14,185	9,286	13,868	18,614	10,929	13,174
LOGGING AND SAWMILLS (SIC 241-242)	1,694	2,769	2,806	2,110	2,345	1,377	2,150	2,233	1,754	1,879
PAPER AND PULP PRODUCTS (SIC 26)	1,033	1,025	1,086	1,025	1,042	980	1,088	1,107	951	1,031
FISH AND SEAFOOD PROCESSING (SIC 209)	4,172	7,376	12,961	5,825	7,584	3,978	7,281	12,504	5,128	7,223
OTHER MANUFACTURING	2,868	3,161	3,551	3,276	3,214	2,951	3,349	2,770	3,095	3,041
TRANS,COMM,& PUB L (SIC 40-42,44-49)	16,056	17,320	18,271	17,627	17,319	16,487	17,788	19,268	18,204	17,937
TRUCKING (SIC 421)	1,713	1,901	2,019	1,797	1,858	1,883	2,077	2,217	2,049	2,057
WATER TRANSPORTATION (SIC 44)	1,110	1,478	1,596	1,315	1,375	1,084	1,463	1,676	1,422	1,411
AIR TRANSPORTATION (SIC 45)	4,914	5,313	5,555	5,338	5,280	5,049	5,540	5,906	5,620	5,529
OTHER TRANSPORTATION	2,747	2,877	3,231	3,083	2,985	2,804	2,977	3,323	3,197	3,075
COMMUNICATIONS (SIC 48)	4,246	4,401	4,461	4,314	4,356	4,378	4,509	4,611	4,405	4,476
PUBLIC UTILITIES (SIC 49)	1,326	1,350	1,409	1,391	1,369	1,389	1,440	1,523	1,511	1,466
WHOLESALE TRADE (SIC 50-51)	5,163	5,482	5,768	5,509	5,481	5,292	5,677	5,952	5,559	5,620
RETAIL TRADE (SIC 52-59)	24,890	23,719	25,635	24,942	24,047	23,419	25,112	26,686	26,085	25,325
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	7,665	7,731	7,939	7,794	7,782	7,654	7,884	8,214	8,184	7,984
SERVICES (SIC 70-89)	27,715	30,263	31,389	29,311	29,670	29,127	31,130	32,715	31,164	31,034
GOVERNMENT	53,890	54,938	50,506	56,321	53,914	55,777	56,528	51,950	57,999	55,563
FEDERAL	16,871	18,372	18,596	17,905	17,936	17,317	18,161	18,715	18,076	18,067
STATE	15,032	15,078	15,202	15,732	15,261	15,998	16,012	16,058	16,478	16,137
LOCAL	21,987	21,488	16,708	22,684	20,717	22,462	22,355	17,177	23,445	21,360
MISCELLANEOUS EMPLOYMENT	593	896	1,190	658	834	631	933	1,255	527	836
TOTAL	156,007	171,594	182,025	172,236	170,466	163,874	179,913	190,011	179,186	178,246

FORECAST PERIODS ARE: POPULATION (1981:3 TO 1983:4)
LABOR FORCE (1982:1 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1981:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

BASE CASE PERMANENT FUND DIVIDEND PROGRAM

TABLE I
STATE OF ALASKA
POPULATION, LABOR FORCE, AND EMPLOYMENT

POPULATION AND LABOR FORCE (THOUSANDS, NOT SEASONALLY ADJUSTED)

	1982:1	1982:2	1982:3	1982:4	ANNUAL AVERAGE 1982	1983:1	1983:2	1983:3	1983:4	ANNUAL AVERAGE 1983
POPULATION (TRENDED)	428.1	430.5	432.2	434.8	431.4	436.6	438.5	440.4	442.0	439.4
LABOR FORCE (CPS BASIS)	200.3	210.3	212.1	209.2	208.0	204.6	214.7	216.6	211.9	212.0
EMPLOYMENT (CPS BASIS)	177.0	189.6	194.5	189.0	187.5	180.8	193.6	198.6	191.4	191.1
UNEMPLOYMENT (CPS BASIS)	23.3	20.7	17.6	20.2	20.5	23.8	21.1	18.0	20.5	20.9
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	11.6	9.8	8.3	9.7	9.9	11.6	9.8	8.3	9.7	9.9

NOTE: CPS = CURRENT POPULATION SURVEY

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	8,215	8,555	8,789	8,203	8,440	8,013	8,542	8,990	8,530	8,519
CONTRACT CONSTRUCTION (SIC 15-17)	11,143	14,549	16,599	13,607	13,975	10,905	14,582	16,920	13,650	14,014
MANUFACTURING (SIC 20,22-39)	8,723	12,831	17,139	10,708	12,350	9,249	13,502	18,131	11,075	12,989
LOGGING AND SAWMILLS (SIC 241-242)	1,344	2,090	2,328	1,839	1,900	1,497	2,387	2,561	1,986	2,108
PAPER AND PULP PRODUCTS (SIC 26)	996	1,195	1,213	1,131	1,134	1,170	1,248	1,242	1,150	1,202
FISH AND SEAFOOD PROCESSING (SIC 209)	3,272	6,048	9,904	4,319	5,886	3,411	6,297	10,555	4,456	6,180
OTHER MANUFACTURING	3,111	3,498	3,694	3,418	3,430	3,170	3,570	3,774	3,483	3,499
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	17,259	18,437	20,087	19,094	18,719	17,937	19,191	20,623	19,444	19,298
TRUCKING (SIC 421)	2,228	2,369	2,494	2,262	2,338	2,342	2,477	2,579	2,266	2,416
WATER TRANSPORTATION (SIC 44)	1,130	1,379	1,732	1,503	1,436	1,193	1,460	1,787	1,501	1,485
AIR TRANSPORTATION (SIC 45)	5,215	5,647	5,908	5,799	5,642	5,428	5,876	6,149	6,035	5,872
OTHER TRANSPORTATION	2,870	2,920	3,647	3,422	3,214	2,929	2,992	3,545	3,328	3,199
COMMUNICATIONS (SIC 48)	4,335	4,571	4,704	4,556	4,542	4,514	4,777	4,907	4,722	4,730
PUBLIC UTILITIES (SIC 49)	1,481	1,551	1,602	1,553	1,547	1,531	1,608	1,655	1,592	1,597
WHOLESALE TRADE (SIC 50-51)	5,812	6,116	6,463	6,200	6,148	6,133	6,410	6,661	6,277	6,370
RETAIL TRADE (SIC 52-59)	25,368	26,874	28,187	27,548	26,994	26,486	27,918	28,935	27,952	27,823
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	8,037	8,170	8,505	8,311	8,256	8,184	8,263	8,541	8,252	8,310
SERVICES (SIC 70-89)	30,345	31,854	32,681	32,120	31,750	31,325	32,863	33,652	32,845	32,671
GOVERNMENT	57,619	58,128	53,226	59,375	57,087	57,863	58,266	53,075	58,895	57,025
FEDERAL	17,978	18,336	18,642	18,340	18,324	17,918	18,321	18,678	18,375	18,323
STATE	16,248	16,163	16,191	16,241	16,211	16,180	16,023	15,989	15,961	16,038
LOCAL	23,393	23,629	18,393	24,794	22,552	23,765	23,921	18,408	24,559	22,663
MISCELLANEOUS EMPLOYMENT	402	643	1,095	537	669	415	663	1,128	553	690
TOTAL	172,924	186,157	192,770	185,703	184,389	176,510	190,200	196,656	187,473	187,710

FORECAST PERIODS ARE: POPULATION (1981:3 TO 1983:4)
LABOR FORCE (1982:1 TO 1983:4)
NONAGRICULTURAL EMPLOYMENT (1981:4 TO 1983:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

50310-3

THE ALASKA ECONOMIC INFORMATION AND REPORTING SYSTEM

QUARTERLY REPORT
November 1982

STATE OF ALASKA
JAY S. HAMMOND, GOVERNOR

RONALD LEHR, DIRECTOR
DIVISION OF BUDGET AND MANAGEMENT

Prepared by:
ELLIOT WETZLER
ECONOMIST

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FOREWORD

In this report, we present our current "best judgment" forecasts of the Alaska economy, and the three largest Alaskan metropolitan area economies. While these are econometric forecasts derived from recently developed quarterly state and regional econometric models, they are not solely the product of those models. When appropriate, we have adjusted the forecasts to account for recent information on the pace of economic activity, and have fine-tuned the models where necessary. These are standard practices which reflect the fact that economic model building remains an imperfect art.

The Anchorage, Fairbanks, and Juneau census divisions forecasts are consistent with the statewide base case forecast presented in this report. Forecasts of the Alaskan economy are particularly difficult to make at the present time because of the following uncertainties:

a) Which way are the U.S. and world economies headed?
Currently, major indicators are giving mixed signals. As a result, there is considerable uncertainty as to when the current recession will bottom out. We assume that a mild U.S. and world recovery will take place in 1983, and a continuation of that recovery will occur in 1984. In 1985, a flattening out of economic activity is likely to take hold.

b) Which direction and to what extent is the world crude oil price changing?
Crude oil prices have been softening in the last several months. The ability of OPEC to maintain fiat posted oil prices in the face of a world oil surplus will be tested during meetings in December. If OPEC (in particular, Saudi Arabia) does not make appropriate reductions in oil production, the possibility exists for a dramatic decline in the price of oil. However, these forecasts do not take this possibility into account. If the price of oil falls dramatically, we will provide our readers with an updated "flash" forecast.

c) What will be the quantitative economic effects of leaving the State Capital in Juneau?
Previous forecasts did not take into account the possible capital move impact on Juneau. However, we have made some minor adjustments in the regional forecasts to account for the vote to leave the capital in Juneau. We will closely watch Juneau and other areas of Alaska for more definitive economic implications. If and when the facts warrant, we will then forecast how this vote has caused changes to regional economies.

d) What quantitative effects will the State spending limit have on the level and distribution of State expenditures?
Although the language of the bill is clear, the bill's impact on Alaska's economy is not so clear. We will closely monitor the budgetary process, access changes in the budgetary mix, and report the impact of these changes and how they effect the Alaskan economy.

General assumptions in this report about the Alaskan economy are similar to those presented in the August 1982 AEIRS Quarterly. A comprehensive review of the Alaskan economy will be presented in the 1982 Year-End Performance Report of the Alaskan Economy which will be published during the first quarter of 1983. In this issue of AEIRS, we have expanded the forecast from a two-year to a four-year forecast.

Future issues of the Alaska Economic Information and Reporting System (AEIRS) Quarterly Report will be renamed the less cumbersome title, the Alaska Economic Review and Outlook (AERO), beginning with the May 1983 issue. The AERO will be published three times a year - in May, August, and November.

BASE CASE EMPLOYMENT FORECAST, 1982 through 1985

The current AEIRS base case forecast shows increases in nonagricultural employment of 4.8 percent in 1982 (compared with 3.8 percent in the August forecast), 1.8 percent in 1983 (the same as the August forecast), 2.7 percent in 1984, and 3.9 percent in 1985. Seafood processing and lumber industries appear to have an even worse 1982 employment picture than the one described in the August base case scenario. Increases in finance, insurance, and real estate, state government, contract construction, and services more than offset these negative trends in total 1982 employment.

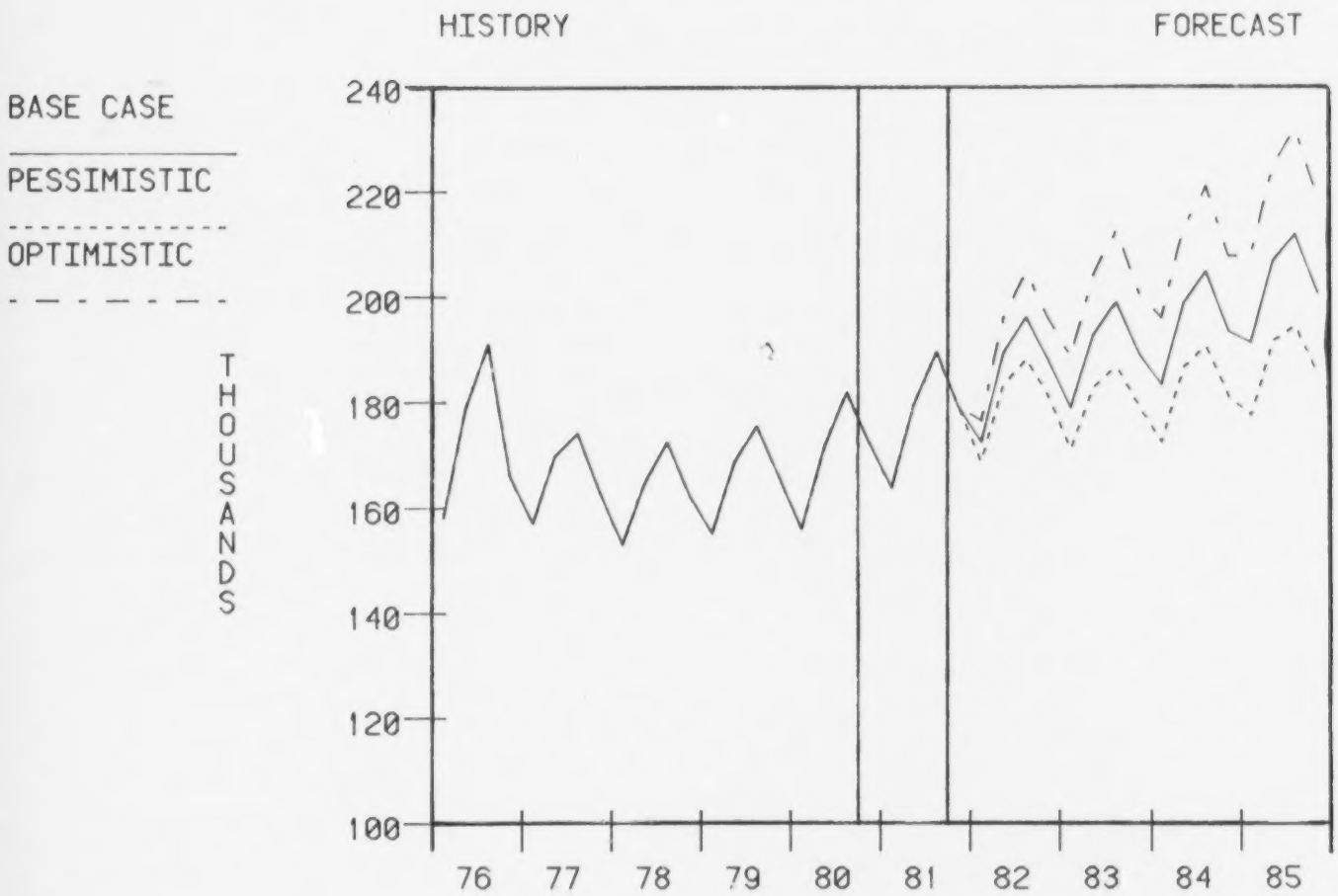
Increases in finance insurance, and real estate are primarily tied to a greater than anticipated increase in construction activity, and to a greater availability of state loans for a variety of purposes. The increase in services employment is partially due to the increase in construction activity specifically, and partially due to the increase in total employment. Construction employment increases, as described in the August AEIRS, can be attributed to several factors, including tightness in the Anchorage and Fairbanks housing markets combined with state financing of home mortgages, demand for commercial office space in Anchorage, and increased municipal capital improvement budgets in Anchorage and Fairbanks, which have been partially financed by the transfer of state funds. The increase in state government employment between the current and August AEIRS forecasts is due to a correction of that series.

On an industry-by-industry basis, projected annual rates of growth in employment for nonagricultural industries (with average employment projected to be over 10,000 in 1985) are as follows:

Industry	81-82	82-83	83-84	84-85
Mining	9.3%	7.2%	8.8%	8.5%
Contract Construction	21.4%	-2.9%	4.8%	9.5%
Manufacturing	-11.0%	5.8%	5.6%	4.3%
Transportation*	4.0%	2.1%	2.6%	3.5%
Wholesale/Retail Trade	5.8%	3.3%	4.1%	5.6%
Services	3.8%	3.0%	3.3%	3.9%
Federal Government	-0.3%	-0.9%	1.0%	0.2%
State Government	4.6%	1.5%	1.1%	1.1%
Local Government	7.3%	0.2%	-1.7%	0.7%

* Includes Communications and Public Utilities.

ALASKA NONAGRICULTURE WAGE & SALARY EMPLOYMENT



PESSIMISTIC AND OPTIMISTIC FORECASTS

In the pessimistic forecast, total nonagricultural employment changes little in 1982 and 1983, and increases moderately in 1984 and 1985; it increases by 1.3 percent in 1982 (0.5 percent in the August AEIRS), -0.2 percent in 1983 (the same as the August AEIRS), 1.6 percent in 1984, and 2.5 percent in 1985. Annual rates of employment growth for the years 1982 through 1985 are as follows:

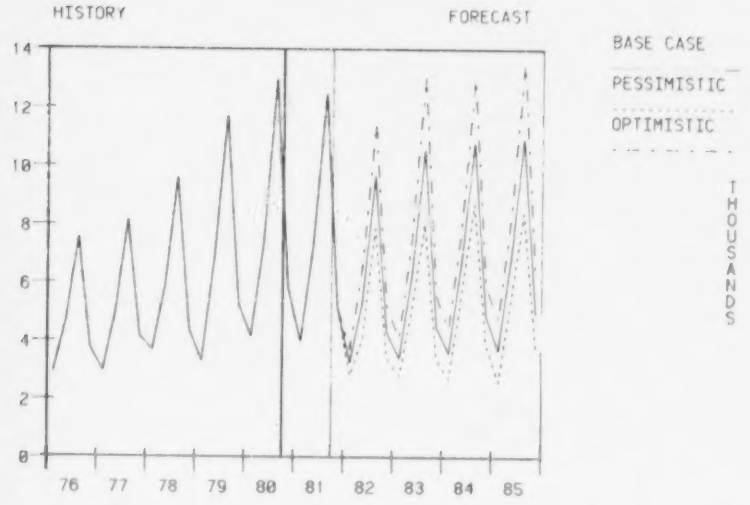
Industry	1982	1983	1984	1985
Mining	4.8%	5.5%	8.9%	8.5%
Contract Construction	13.3%	-10.5%	-0.5%	7.8%
Manufacturing	-21.7%	3.0%	6.2%	1.7%
Transportation*	1.7%	0.9%	3.2%	3.0%
Wholesale/Retail Trade	1.4%	2.2%	3.7%	4.1%
Services	1.7%	1.5%	2.2%	2.8%
Federal Government	-1.2%	-1.8%	0.1%	-0.7%
State Government	3.5%	0.4%	0.1%	0.1%
Local Government	5.1%	-3.0%	-4.3%	-1.6%

In the optimistic forecast, total nonagricultural employment increases sharply in 1982, by 8.6 percent (6.0 percent in the August AEIRS), and in 1983, by 4.2 percent (3.0 percent in the August AEIRS). In subsequent years, employment increases by 3.9 percent in 1984, and 5.4 percent in 1985. Annual rates of employment growth for the years 1982 through 1985 are as follows:

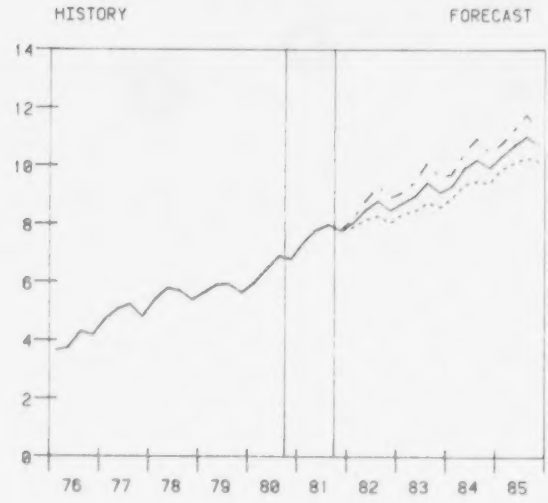
Industry	1982	1983	1984	1985
Mining	13.8%	8.7%	8.7%	8.2%
Contract Construction	28.4%	4.3%	7.0%	10.9%
Manufacturing	0.1%	8.8%	5.2%	6.3%
Transportation*	7.7%	2.8%	2.4%	4.3%
Wholesale/Retail Trade	10.5%	4.2%	4.3%	7.1%
Services	6.3%	5.7%	5.4%	5.8%
Federal Government	0.7%	0.0%	1.9%	1.1%
State Government	5.7%	2.5%	2.1%	2.0%
Local Government	10.8%	4.8%	1.8%	3.7%

* Includes Communications and Public Utilities.

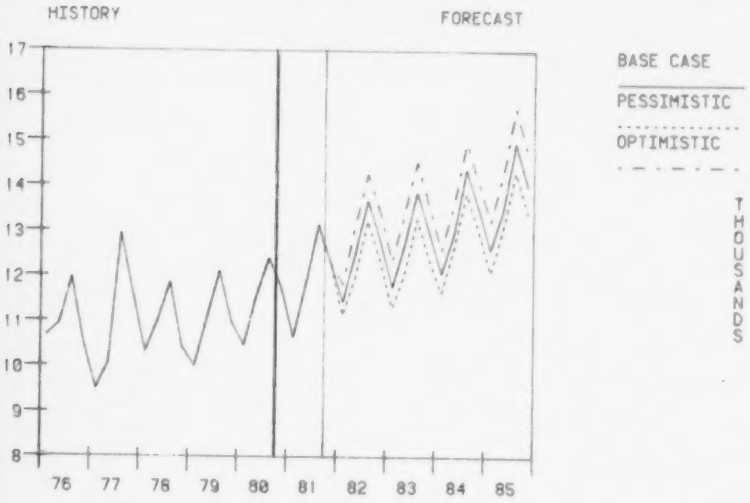
ALASKA SEAFOOD PROCESSING EMPLOYMENT



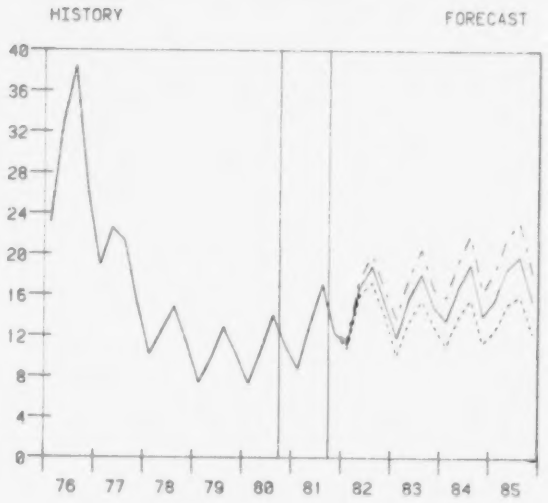
ALASKA MINING EMPLOYMENT



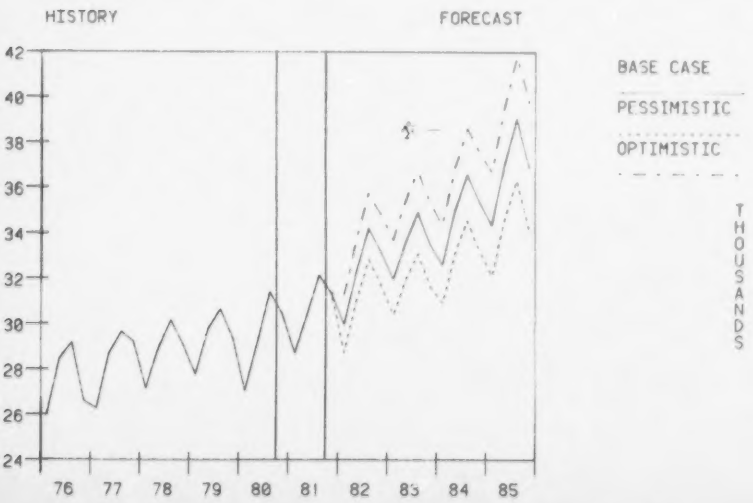
ALASKA TRANSPORTATION EMPLOYMENT



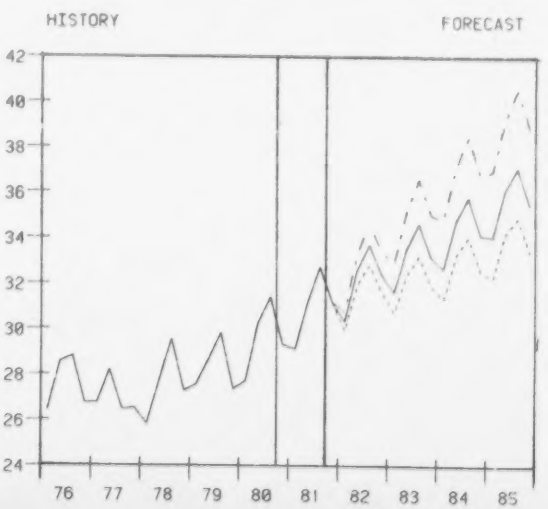
ALASKA CONTRACT CONSTRUCTION EMPLOYMENT



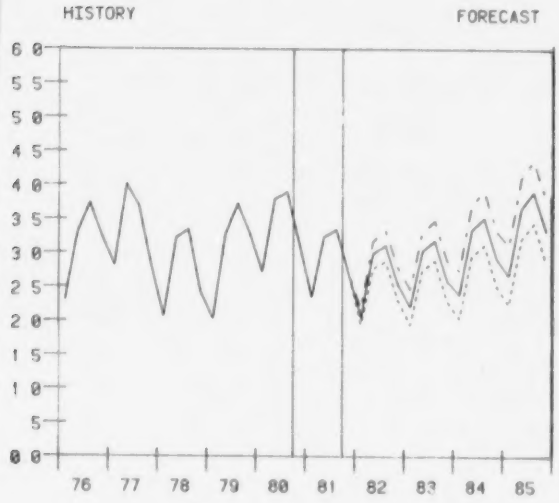
ALASKA WHOLESALE & RETAIL TRADE EMPLOYMENT



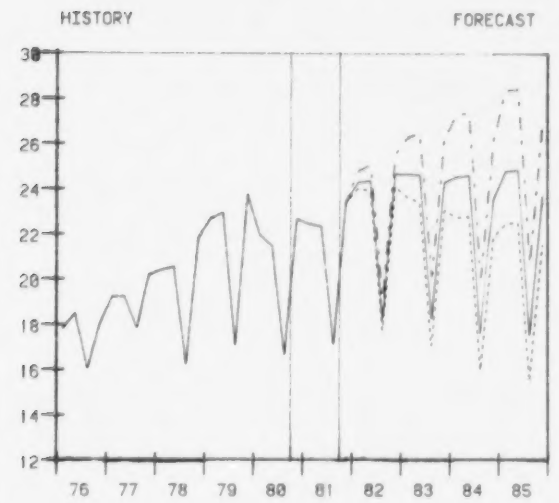
ALASKA SERVICES EMPLOYMENT



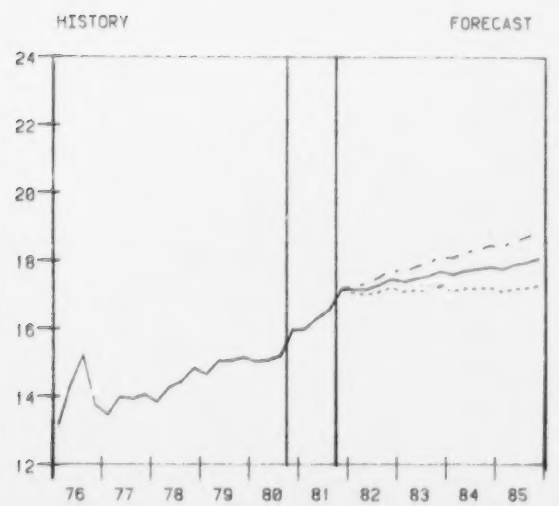
ALASKA LOGGING, SAWMILL, PAPER & PULP EMPLOYMENT

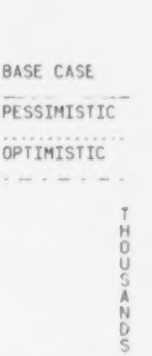


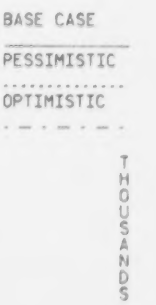
ALASKA LOCAL GOVERNMENT EMPLOYMENT



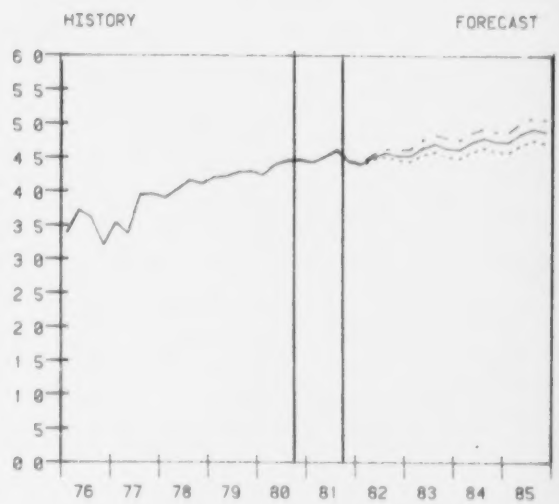
ALASKA STATE GOVERNMENT EMPLOYMENT



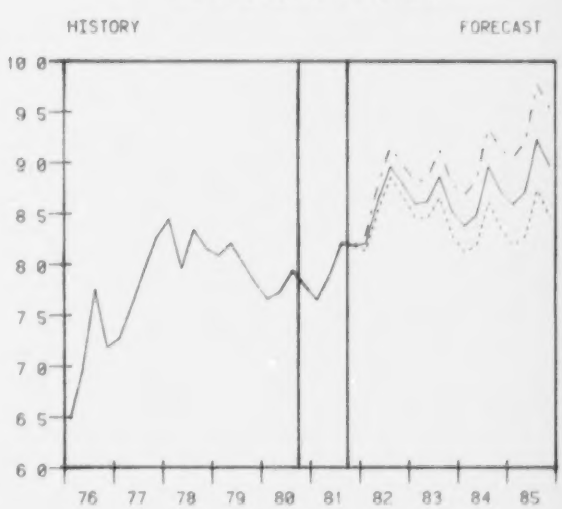




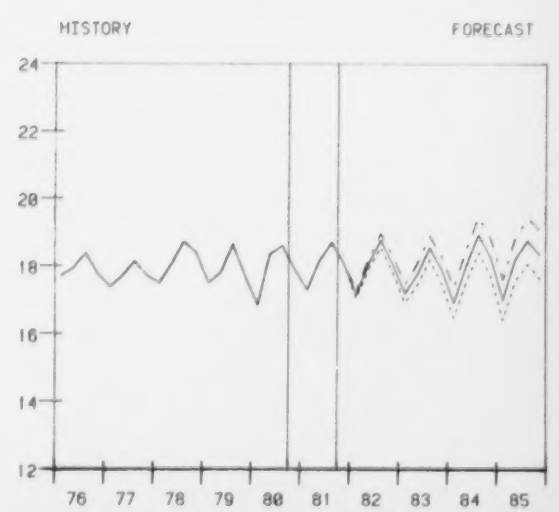
ALASKA COMMUNICATIONS EMPLOYMENT



ALASKA FINANCIAL, INSURANCE, AND REAL ESTATE EMPLOYMENT



FEDERAL GOVERNMENT EMPLOYMENT, ALASKA



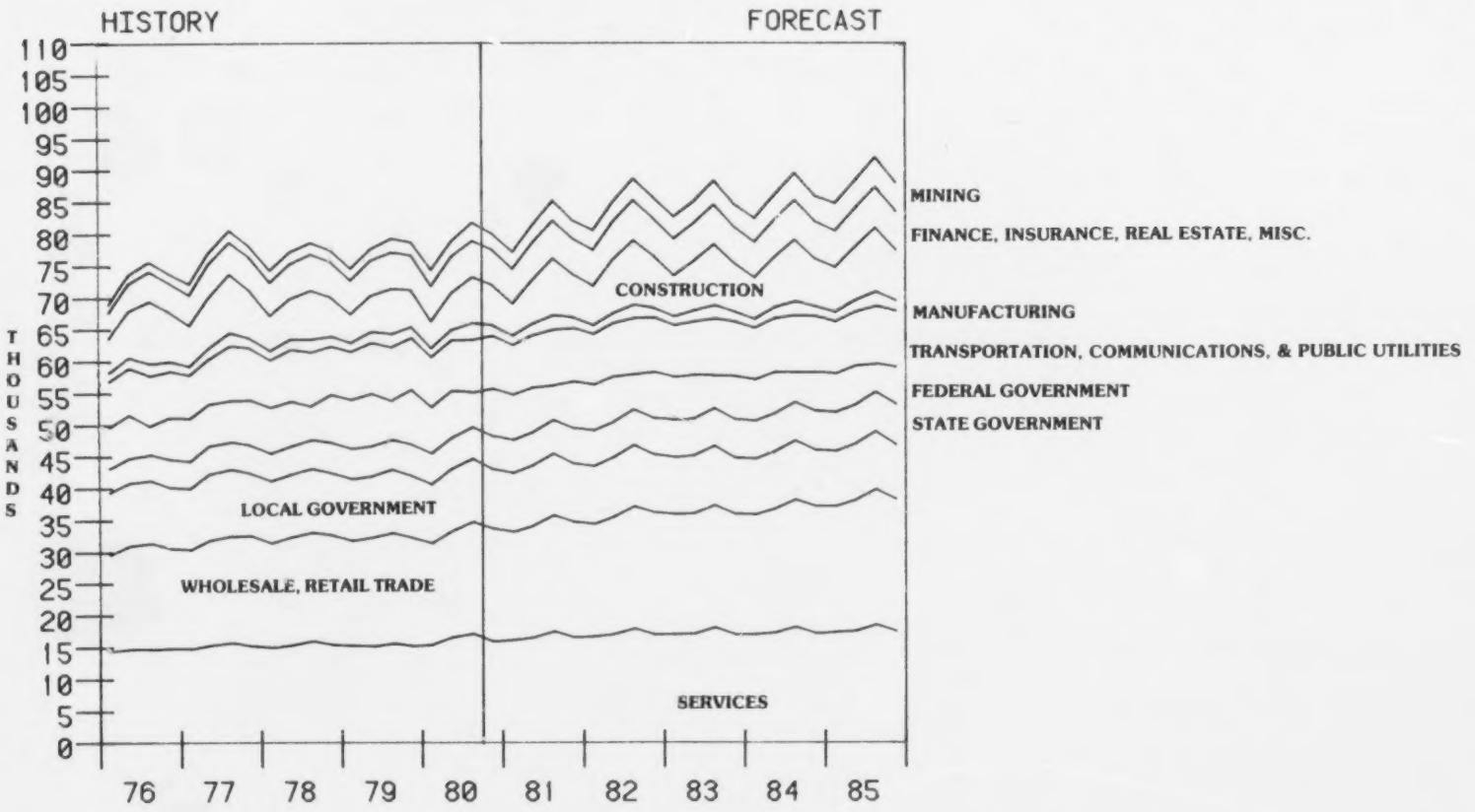
REGIONAL FORECASTS

Total employment in Anchorage and Fairbanks in 1982 is forecasted to be higher than our forecast in the AEIRS 1982 Supplement. This increase is a consequence of a boost in our base case forecast of statewide contract construction employment. The possibility of the capital site relocation to Willow caused some anticipatory construction activity in Anchorage and Fairbanks. In addition, increased levels of statewide employment in finance, insurance, and real estate, state government, and services have contributed to this boost. We have included the consequences of the no capital move decision in our 1983 and 1984 employment forecasts for Anchorage and Fairbanks, but discerning the effect is difficult because of simultaneous changes between August and November statewide base case forecasts.

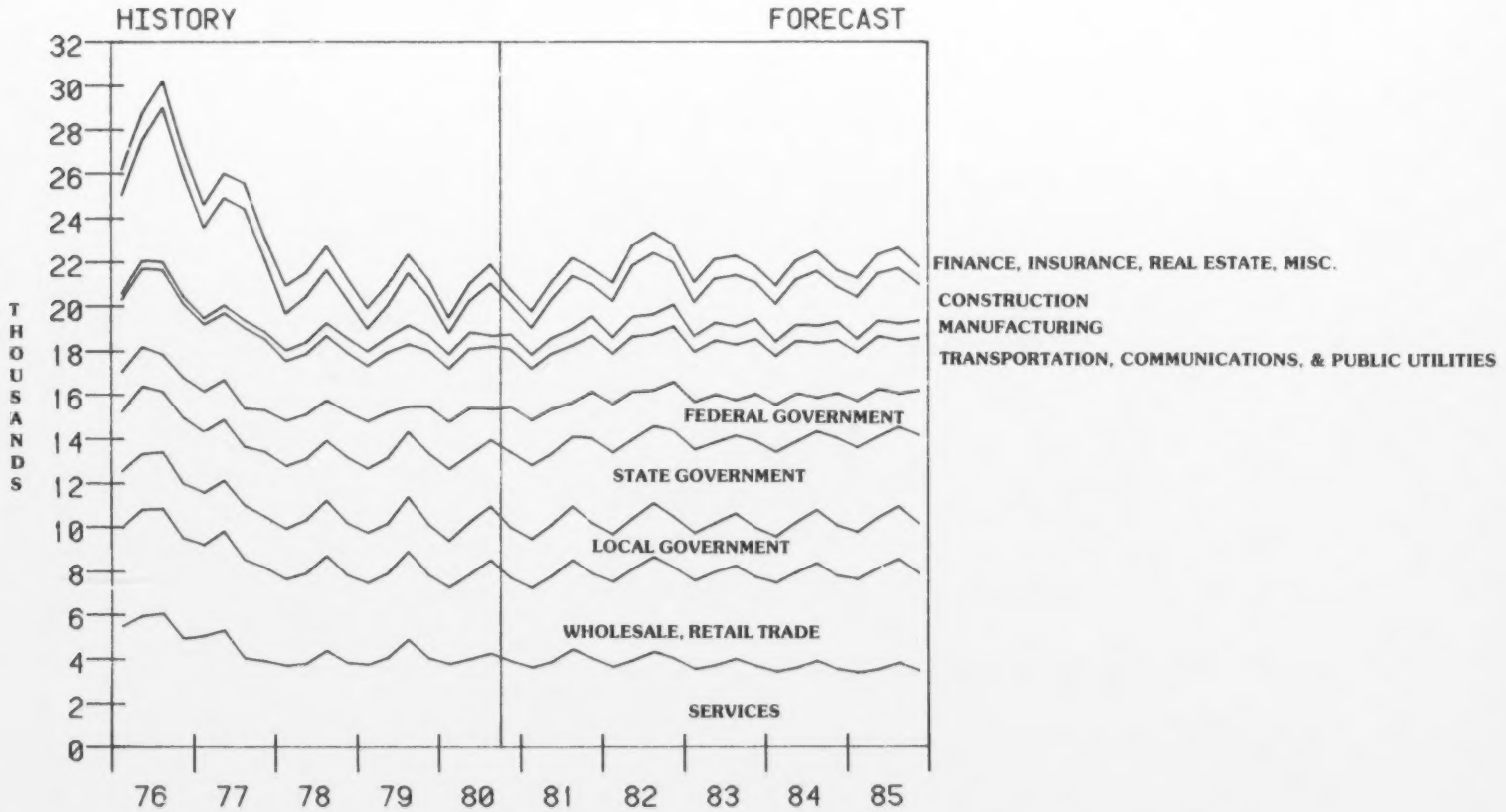
Forecasts for Juneau's 1982 total employment were reduced from the AEIRS 1982 Supplement level due to the inhibitory effects of the possible capital move on construction activities in Juneau during 1982. For 1983 and 1984, we anticipate Juneau's employment level to rise faster than the historic trend, as construction and other economic activities, postponed in 1981 and 1982, are implemented. We assume that by 1985 the effects of no capital move will be spent, and each city's economy will revert to its long-term industry-by-industry trend.

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

ANCHORAGE
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



FAIRBANKS
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



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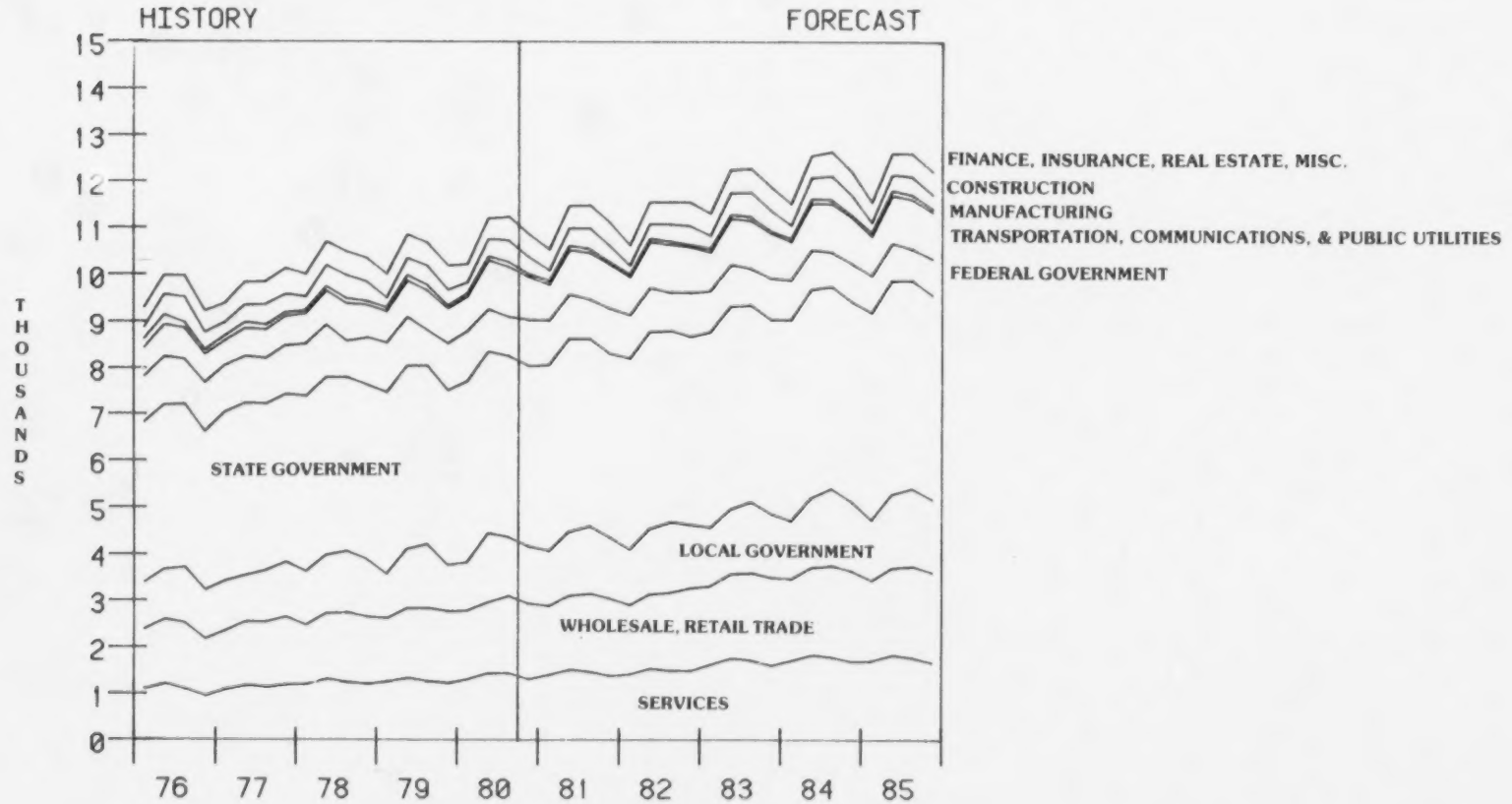
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



Alaska State Loan Programs

By
Terry Elder
Economist

Through various departments and agencies, the State of Alaska maintains many loan programs. These programs are the focus of a recent Division of Budget and Management study entitled "Overview of State Loan Programs and Investment Funds." The study presents summary program descriptions and historical activity data from inception to about mid-1981. Within data limitations, the report analyzes the programs' costs and impacts. From inception to mid-1981, the programs made approximately $2.3 billion in loans. A majority of these loans have been made since 1978, and have supported housing (about $1.2 billion in loans), economic development (about $0.6 billion), and social programs (about $0.5 billion).

As these figures indicate, housing programs are the largest category of loans in terms of both loan volume and commitment of State appropriations. Most of the loan volume is accounted for by the Alaska Housing Finance Corporation (AHFC) which finances mortgages through bond sales and appropriations. Appropriations are used to subsidize a portion of a borrower's mortgage loan at below-market interest rates, and to finance some mortgage loans (such as rural mortgages and mobile home loans) which cannot be financed through bond sales. As of August 31, 1982, AHFC held 29,788 mortgages with an outstanding principal balance of about $2.2 billion (including some mortgages transferred by the State to AHFC), and had bonds outstanding totaling slightly over $2.1 billion.

The largest single program is the Special Mortgage Purchase Program in AHFC, accounting for roughly 90.0% of that agency's activities. The program finances mortgage loans of up to $160,500 for single-family homes and up to $205,200 for duplexes. The subsidized loan rate (currently 10.18%) applies to the first $90,000 of the loan, while the borrower pays the Corporation's cost of funds for that part of the loan in excess of $90,000. The 1982 legislative session (Ch. 113/SLA 1982) expanded the program to include loans for triplexes and fourplexes. Maximum loan amounts are $247,650 for a triplex and $307,950 for a fourplex. In contrast to the subsidized loan rate of 10.18% available through AHFC, the national average contract interest rate for mortgage commitments for new single-family homes with a 5.0% downpayment and 30-year maturity was 16.66% in early August. Borrowers who take out loans in excess of the subsidized amounts, however, have paid rates on the excess ranging between 16.4% and 19.4% between October, 1981, and August, 1982.

Appropriations fund the other major State housing program, the Housing Assistance Loan Fund (formerly called the Nonconforming Housing Loan Fund) within the Department of Community and Regional Affairs. Recent legislation (Ch. 113/SLA 1982) expands this program by adding the authority to make rural, conforming mortgage loans in addition to nonconforming loans. The loan rate for nonrural nonconforming housing mortgages remains tied to the AHFC rate. After December 31, 1982, the loan rate for rural mortgages will be 10.5%.

Through these programs, the State essentially has become the single-family mortgage market in Alaska. This is almost a $1.0 billion market, and grows with inflation and population changes. Bond sales finance most of the mortgage demand, but the State bears a subsidy cost of $150 million to $300 million, depending on market interest rates.

The programs, although costly, provide substantial direct and indirect benefits within Alaska. Of course, the interest rate subsidy directly benefits the borrowers. In addition, the construction industry benefits because housing demand is not choked off by high interest rates. In the past year, residential lending and construction activities in Alaska have been brisk in stark contrast to the rest of the country. To the extent that housing demand is kept high, all present home owners benefit because resale values are maintained. Since a large part of a household's wealth is the equity in a home, maintaining housing values also maintains household wealth. This, in turn, allows a household to spend more of its current income on consumption goods which benefits general business activity.

Data also suggest that home prices have not been significantly increased as a result of the program. In addition, first-time home buyers have been a larger percentage of borrowers through AHFC than the national average. Thus, the program analysis suggests that AHFC has had a moderately favorable impact on home ownership without a severe effect on home prices. The Housing Assistance Loan Fund provides financing in rural areas for housing which could not qualify for financing through current programs of AHFC.

Primary problems with the programs include their effect on private financial institutions, and their cost. Data suggest that the relative cash and investments position of Alaskan thrifts is high, and has increased since 1980. This probably reflects the dominance of AHFC in housing finance and the attractive yields available on alternative investments. Thrifts (and banks) have the opportunity to earn a profit on the origination and the servicing fee, and not incur the traditional interest rate risk inherent in long-term mortgages. Over time, the risk is that private financial institutions in Alaska may become more like servicing agents of the State than lending institutions.

The cost problem of the program has two aspects. First, any program that requires subsidy appropriations of $150 million to $300 million is vulnerable to strains resulting from potential adverse financial impacts on State revenues. Second, bonded debt, which finances most of the housing programs, is growing rapidly. AHFC has outstanding bonds totaling slightly more than $2.1 billion. It has continuing legislative authority to issue $980 million in new bonds annually. This dwarfs the issuance of general obligation bonds by the State. The bonds which AHFC issues are not obligations of the State. Also, the loan delinquency rate at AHFC is low, and there is no significant default risk associated with its debt. However, there should be improved oversight and coordination of debt issuance even though the debt is not a direct State obligation. This is because it is not likely that the State would stand aside in the future as a major agency defaulted. If that is true, then the State should consider the debt of its agencies as well as its own general obligations when making plans for debt management.

This study reports on four major State created entities which provide debt financing to private enterprise. These organizations offer relatively comprehensive financial services to business, commercial fishing, and agriculture. The business sector is served by the Alaska Industrial Development Authority (AIDA), and the mining loan fund in the Division of Business Loans (DBL). The commercial fishing industry is served by AIDA, the

Alaska Commercial Fishing and Agriculture Bank (CFAB), and loan programs in the DBL. Agriculture is served by CFAB and the Agricultural Revolving Loan Fund (ARLF). The study does not report on the Alaska Renewable Resources Corporation (now the Alaska Resources Corporation) in depth because it was under sunset review at the time the report was written.

Institutional arrangements of the four organizations vary considerably with the ARLF and the DBL being State agencies within departments of government, with AIDA being a public corporation, and with CFAB being a private cooperative created with State resources. These differing legal arrangements affect State control over the day-to-day operations and policies of the organizations. That control declines as one moves from an agency within a department, to a public corporation, and then to a private one.

There is no subsidy of interest rates on loans made by CFAB. However, it is estimated that the cost to the State in creating that organization is at least $22.3 million, depending on when CFAB purchases its shares from the State. This subsidy to CFAB, because it is a cooperative bank, is shifted to the borrowers who benefit from the increase in profits. It lowers the cost of borrowing, although those profits may not be distributed until the State's shares are redeemed. The report recommends that a specific schedule for the redemption of State-owned shares be negotiated with CFAB.

There is no State subsidy involved in most of the programs offered by AIDA. Similar to industrial development authorities in other localities, programs are funded largely by sales of tax-exempt bonds, and borrowers pay the cost of funds on loans. Through the Small Enterprise Loan Account, AIDA may purchase from available cash the federally guaranteed portions (usually about 90.0%) of loans made by financial institutions to small businesses. In this manner, AIDA serves the financial needs of small borrowers for activities which are not eligible for tax-exempt financing. A program established in 1982 (Ch. 113/SLA 1982) to finance multi-family housing grants AIDA broad powers and introduces a potentially large subsidy previously not present in its other programs. The legislation enables AIDA to own a project, not to provide simply a source of bond financing. If it does finance a project with bonds, the loan rate to the borrower can be anything AIDA agrees to, without regard to the cost of funds.

There are State subsidies involved in the loans made by the DBL and the ARLF. These loan programs are funded by appropriations, and finance activities in agriculture, fishing, mining, and hatchery construction. Loan rates range from 8.0% to 10.5%, and many programs allow for the deferment of repayment. The combination of payment deferral and below-market loan rates results in a large State subsidization of business borrowing through these programs. This report, using a 14.0% opportunity cost of funds, estimates that the present value of State subsidies involved in business loans can total from about 20.0% to 80.0% of the loan amount, depending on the program.

This report also finds that the use of subsidized loan rates is not a general State policy. Rather, subsidies have evolved within State agencies which administer programs with statutorily set loan rates as market rates have risen dramatically since 1979. For example, the loan rate of the DBL generally exceeded the yield on seven-year Treasuries prior to FY 79, but a deep subsidy developed as market rates soared. It is significant that 82.1% of small business loans and 76.2% of the total loans made by the DBL from inception through February 28, 1981 were made since FY 78. That reflects both an increase in State appropriations for lending, and the wide spread that developed between the loan rate and market rates.

The increase in lending activities of State created organizations appears to have affected adversely the volume of private lending. The Alaska Division of Banking and Securities reports that net loans of commercial and savings banks fell in 1979 and 1980, and the loan/deposit ratio fell sharply. The concern is that data suggest that the State has financed activity which would have occurred in the programs' absence. Further, private institutions are encouraged to buy securities rather than to make loans, and to be even more conservative in their lending policies than they would be normally. To the extent that public lending simply replaces private lending, there is no net increase in employment and other benefits, and the lower loan rates can be viewed as an income transfer to the borrowers. In order to avoid crowding out private lending, agencies which make direct loans could report periodically why alternate financing is not feasible for their borrowers.

The overview of loan programs also reports on about a dozen loan funds which serve primarily social goals. The Scholarship Loan Fund is expected to be the largest, in dollar terms, of the social loan programs in the future. In March 1982, this loan fund had 35,081 outstanding loans totaling about $99.5 million.

The purpose of this loan fund is to promote postsecondary education by offering low interest loans to cover direct and indirect education expenses. A qualified borrower may borrow $6,000 per year for undergraduate, and $7,000 per year for graduate study. Students can borrow for a maximum of eight years (for undergraduate, and for graduate) which implies that the total loan available is $52,000. The loan is repayable over a ten-year term beginning a year after the end of study, and the interest rate is 5.0%. Up to one half of the loan may be forgiven if the borrower works for more than six years in Alaska after study.

This program is expanding rapidly, having made $16.0 million in loans in FY 81, $47.3 million in FY 82, and expecting loan demand of $60.5 million in FY 83. Given the rapid increase in loan activity and the combination of a low interest rate and deferred repayments, this program is relatively expensive for the State. To estimate the subsidy cost of the program, if one uses a 12.0% discount rate, assume that 10.0% of the FY 83 loans will be forgiven, and that the average length of repayment deferment is 64 months, the present value of the subsidy is $39.2 million, or 64.8% of the total value of the loans. That makes this one of the largest and costliest of State loan programs, even though it is for a good cause.

The loan data suggest that the State has made a considerable investment to improve the living conditions of Alaska's citizens. It has invested and continues to invest heavily in programs for housing, business, and education. While the State does not dominate business lending as it does residential lending, the data suggest that it is still a very significant factor. This is likely to remain the case as long as natural resource revenues enables State financing of these programs at below-market interest rates. Given the relatively small market base in Alaska, government income and assets tend to dwarf those of the domestic private sector. The primary danger is that there is a potential to create an economy which is dependent upon interest rate subsidies which could be vulnerable to fluctuations in State government revenues.

North Slope Natural Gas
by
Ronald D. Ripple
Economist

The delay in construction of the Alaska Natural Gas Transportation System (ANGTS) and the elements of President Reagan's waivers to previous federal legislation regarding the ANGTS were discussed in the October 1981 AEIRS. The present report discusses the developments of the past year and the current study of alternatives to the ANGTS.

The waivers of law, as noted in the October 1981 report, were intended to reduce the risk of the project so as to facilitate financing. However, while the waiver package passed Congress in November 1981, and later withstood a court challenge, no financing package is yet in place. Furthermore, in April 1982, the consortium formed to build the ANGTS announced a potential two-year delay pending financing. The report which follows discusses the ongoing efforts of the State of Alaska to maintain the highest level of understanding with regard to the Alaska North Slope natural gas resource.

The State, in its continuing interest to see the North Slope reserves brought to market, commissioned a study to look into State financial participation in the ANGTS. The consultant, Kidder, Peabody and Company, proposed that the State participate by providing $3 billion in construction loan guaranties. The consultant saw this as the only way the State could effectively participate, given the current revenue situation and the perceived financial needs of the ANGTS sponsors. The Governor's Task Force on State of Alaska Participation in the Alaska Natural Gas Transportation System Financing found that, due to the lack of a financing plan by the sponsors and the numerous remaining risks associated with the ANGTS project, the State should not commit to any form or level of participation. The Task Force included representatives of both the Legislature and the Governor.

The Task Force findings came shortly after the sponsors' announcement of delay. In light of this development, the Task Force recommended that it would be in the State's best interest to study and review all alternatives to the ANGTS. While the State still supports the ANGTS and its sponsors, the relative merits of the alternative systems, given the present delay and continued uncertainties associated with the ANGTS, should be considered.

The State is presently conducting two studies which address the development of the North Slope natural gas reserves and Governor Hammond sanctioned a third private sector study. The Governor's Economic Committee on North Slope Natural Gas consists of private individuals and is co-chaired by former Governors Hickel and Egan. Governor Hammond also designated a State Task Force on North Slope Natural Gas Alternatives which is charged with reviewing all alternative methods of marketing North Slope natural gas. Furthermore, the Alaska Power Authority (APA) is studying the potential for using North

Slope natural gas to fuel electricity generation for the Railbelt region.

Governor's Economic Committee

The study being conducted by the Hickel group, while being open to all alternatives, focuses on an All-Alaska pipeline concept. To this end the Committee is making use of the technical services of Brown and Root; the legal services of Birch, Horton, Bittner, Pestinger and Anderson; and the financial advice of Dillon Reed.

The Hickel group is studying the feasibility of running a high pressure pipeline from Prudhoe Bay to Kenai. This design would bring to tidewater all of the gas components as produced on the North Slope with conditioning (removal of impurities) being performed at the Kenai site. The project would include conditioning, liquified natural gas (LNG) for export, propane for use in Alaska, and potential petrochemical production based on natural gas liquids. While the LNG facilities would be at tidewater, the production facilities for other natural gas by-products could potentially be located anywhere along the pipeline. As currently envisioned, the project would evolve in stages, and growth would depend on market demand.

The Governor's Economic Committee will finalize the study and have it ready for delivery to the Legislature by January 1, 1983.

Alaska Power Authority

The APA study is looking to the North Slope reserves as a potential fuel for electricity generation for the Railbelt region. The APA has hired Ebasco Services Incorporated to conduct the technical portions of the study. The APA is analyzing three optional systems as follows:

1) Electricity generation at the North Slope with energy delivery by transmission line to Fairbanks and on to Anchorage via the Intertie,

2) A small-diameter natural gas pipeline to Fairbanks which will provide electricity generation in the Fairbanks area, with transmission to Anchorage via the Intertie, and a natural gas distribution system for Fairbanks, and

3) Electricity generation in the Cook Inlet area based on low Btu waste gas resulting from the conditioning facility envisioned in the Hickel group plan.

The APA study will analyze the feasibility of natural gas based electricity generation sufficient to supply levels of energy equivalent to that of the

Susitna Hydroelectric Project. Given the flexibility of a natural gas system (units can be added as they are required) and the possibility of relatively low cost natural gas, a natural gas electricity generation alternative may prove to be competitive with the Susitna alternative (especially with the potential for a decline in energy demand projections due to reduced State revenue projections).

The APA study is viewed as the first step in bringing the analysis of the North Slope natural gas generation alternative to a comparable level with existing analysis on the Susitna alternative. This study falls somewhere between a reconnaissance level analysis and a feasibility analysis, as defined in the APA regulations. If the present study indicates that the use of North Slope natural gas for Railbelt electrification may be competitive with alternative generation options, a more detailed feasibility study is to follow the present work.

The final draft report is due January 14, 1983 with the final report due within thirty days of the last comment.

Governor's Task Force

The Governor's Task Force is charged with the analysis of all methods of moving North Slope natural gas to market. The Task Force has contracted the services of Booz, Allen and Hamilton Inc. to provide primary analysis of the alternatives. This study will include alternatives being considered by the Hickel group and the APA, plus alternatives which emphasize instate value-added processing and by-product availability. Moreover, the Task Force study is analyzing the economic feasibility of using North Slope natural gas to compete in lower-48, Pacific Rim and Western European markets. This approach addresses the markets for natural gas (LNG), methanol, natural gas liquids, and petrochemicals.

Given the State of Alaska's support for the ANGTS, the Task Force is also addressing the problems surrounding the progress of the ANGTS. The purpose of this element of the study is two-fold. First, it will inform State decision makers more fully on the present status and likely progress of the ANGTS. Second, it will provide insight into the barriers and pitfalls which may be associated with any alternative method of North Slope natural gas marketing.

This study will look closely at the instate value-added potentials, that is, by-product production. This will provide insight into the potential for an expanded economic base and additional jobs based on North Slope natural gas. Futhermore, the study will provide estimates of wellhead value and volumes needed to satisfy markets, which will be necessary to make accurate revenue projections.

The final report will be ready for delivery to the Legislature on January 28, 1983.

Other Studies

In addition to the studies discussed here, the U.S. General Accounting Office has been instructed by Senator Ted Stevens to assess the alternatives to the ANGTS. This study will review all previous efforts and those currently being conducted.

While many of these alternatives have previously been screened, the market environment has changed (several times). Results of the present study efforts should provide consistent, comparable, updated information which will give Alaska's decision makers, public and private, a more complete understanding of the potential of our North Slope natural gas resource.

INFLATION RATE FORECASTS

In the last regular issue of AEIRS (August 1982), we examined the accuracy of four Data Resources, Inc. (DRI) interest rate forecasts. Here we discuss the accuracy of the DRI inflation rate forecast, as represented by the U.S. consumer price index, all items, for all urban consumers (CPIU). Different measures of inflation move in the same direction over time, although the magnitude of movement between measures can vary significantly.

We compared the DRI forecast with a "naive" forecast. The naive forecast uses the actual inflation rate in the last historical quarter as the forecasted value for each of the subsequent quarters in the forecast period.

A record of these forecasts on a quarterly basis for the percent change in the consumer price index (for each of the forecast periods) is given in the Appendix panel labeled, "Detailed Table of Accuracy of DRI Consumer Inflation Rate Forecasts." A summary of this table appears on the next page.

In contrast to the DRI interest rate forecasts discussed in the August 1982 AEIRS, the DRI inflation rate forecasts are substantially better than the "naive" inflation rate forecasts. If all time periods are combined, the DRI forecast is more accurate than the naive forecast for 18 out of 26 observations.

The root mean square error, in percentage terms, is extremely high for both the "naive" and the DRI forecasts. This is due solely to the large forecast errors for the 1982, first quarter period.

Accuracy of DRI Consumer Inflation Rate (CPIU) Forecast

Average Values Over Forecast Period *

Short Term Rates	80:2-82:1	80:3-82:1	80:4-82:1	81:1-82:1
Actual	9.1	8.5	8.7	8.1
DRI Forecast	9.3	8.8	10.0	10.7
Percent Error, DRI Forecast **	70.8	73.5	89.6	99.0
"Naive" Forecast	16.4	13.5	7.0	11.7
Percent Error "Naive" Forecast **	215.4	138.7	58.3	128.9
Number of Quarters DRI Better than "Naive"	8 out of 8	4 out of 7	3 out of 6	3 out of 5

* Data Source: The Data Resources Review of the U.S. Economy, February, 1980 issue, Data Resources, Inc., Lexington, MA

Ibid, May 1980 issue, forecast period - 80:2-82:1
Ibid, August 1980 issue, forecast period - 80:3-82:1
Ibid, November 1980 issue, forecast period - 80:4-82:1
Ibid, February 1981 issue, forecast period - 81:1-82:1

** Root Mean Square Error, in percentage terms. See Appendix for calculation of this value.

APPENDIX

Historical employment and income data published in the following tables have been updated to correspond with revisions released by the Alaska Department of Labor, and the U.S. Department of Commerce, Bureau of Economic Analysis.

NOTES

Nonagricultural Employment Data Are Estimated for the Fourth Quarter, 1980 through the Third Quarter, 1981

As forecasts are extended farther into the future, the accuracy of the forecast diminishes. Therefore, it is important to obtain historical data to the latest available date, and to use estimates of historical data if such estimates appear to be reasonably accurate.

The latest available actual Alaska nonagricultural wage and salary data are for the third quarter of 1980. These data are contained in the Alaska Department of Labor's (ADOL) "Statistical Quarterly". The ADOL also publishes estimated nonagricultural wage and salary employment numbers in the monthly "Alaska Economic Trends". The numbers contained in "Trends" have been combined with prior AEIRS forecasts to obtain estimated employment on a quarterly basis by industrial category (SIC code) consistent with both the AEIRS model and with prior historical patterns. These estimates are made for the fourth quarter of 1980 through the third quarter of 1981. For an explanation of the details of the procedure used to make these estimates, the interested reader should contact Elliot Wetzler at Budget and Management.

EMPLOYMENT (Current Population Survey Definition)

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked fifteen hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple Jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid Absences From Jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week - that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

Employment data, except those for the Federal government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article, "Comparing Employment Estimates from Household and Payroll Surveys," in the Monthly Labor Review, December 1969.

TABLE I
STATE OF ALASKA
POPULATION, LABOR FORCE, AND EMPLOYMENT

POPULATION AND LABOR FORCE (THOUSANDS, NOT SEASONALLY ADJUSTED)

	1978:1	1978:2	1978:3	1978:4	ANNUAL AVERAGE 1978	1979:1	1979:2	1979:3	1979:4	ANNUAL AVERAGE 1979
POPULATION (TRENDED)	410.7	410.8	411.2	410.3	410.8	408.1	406.4	406.2	404.2	406.2
LABOR FORCE (CPS BASIS)	171.9	185.7	186.8	179.6	181.0	171.1	183.7	190.3	178.9	181.0
EMPLOYMENT (CPS BASIS)	150.9	164.1	168.7	160.4	161.0	151.6	165.9	176.0	162.5	164.0
UNEMPLOYMENT (CPS BASIS)	21.1	21.6	18.1	19.2	20.0	19.5	17.8	14.4	16.4	17.0
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	12.3	11.6	9.7	10.7	11.1	11.4	9.7	7.5	9.2	9.4

NOTE: CPS = CURRENT POPULATION SURVEY

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	5,380	5,782	5,698	5,390	5,563	5,642	5,903	5,919	5,626	5,773
CONTRACT CONSTRUCTION (SIC 15-17)	10,226	12,572	14,817	11,345	12,240	7,461	9,846	12,806	10,253	10,092
MANUFACTURING (SIC 20,22-39)	8,325	11,922	16,091	9,587	11,481	7,800	13,139	18,821	11,511	12,818
LOGGING AND SAWMILLS (SIC 241-242)	903	2,024	2,151	1,656	1,684	971	2,034	2,687	2,257	1,987
PAPER AND PULP PRODUCTS (SIC 26)	1,168	1,197	1,190	750	1,076	1,066	1,248	1,033	1,017	1,091
FISH AND SEAFOOD PROCESSING (SIC 209)	3,681	5,862	9,584	4,350	5,869	3,317	6,840	11,736	5,223	6,779
OTHER MANUFACTURING	2,573	2,839	3,166	2,831	2,852	2,446	3,017	3,365	3,014	2,961
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	15,507	16,542	17,521	15,905	16,369	15,609	16,726	17,831	16,650	16,704
TRUCKING (SIC 421)	2,050	2,147	2,257	1,879	2,083	1,813	1,761	1,799	1,648	1,755
WATER TRANSPORTATION (SIC 44)	830	1,376	1,359	1,109	1,169	916	1,292	1,477	1,255	1,235
AIR TRANSPORTATION (SIC 45)	4,228	4,431	4,871	4,565	4,524	4,475	5,041	5,475	5,008	5,000
OTHER TRANSPORTATION	3,227	3,067	3,375	2,873	3,136	2,812	2,987	3,347	3,065	3,053
COMMUNICATIONS (SIC 48)	3,905	4,028	4,163	4,112	4,052	4,214	4,224	4,289	4,301	4,257
PUBLIC UTILITIES (SIC 49)	1,267	1,493	1,496	1,367	1,406	1,379	1,421	1,444	1,373	1,404
WHOLESALE TRADE (SIC 50-51)	5,531	5,743	5,988	5,621	5,721	5,289	5,679	5,735	5,340	5,511
RETAIL TRADE (SIC 52-59)	21,638	23,197	24,161	23,431	23,107	22,479	24,098	24,901	24,030	23,877
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	8,442	7,966	8,341	8,163	8,228	8,093	8,208	8,021	7,819	8,035
SERVICES (SIC 70-89)	25,805	27,725	29,540	27,273	27,586	27,558	28,658	29,807	27,358	28,345
GOVERNMENT	51,761	52,892	49,427	55,085	52,291	54,886	55,814	50,828	56,603	54,533
FEDERAL	17,501	18,055	18,720	18,396	18,168	17,516	17,816	18,641	17,688	17,915
STATE	13,842	14,275	14,440	14,829	14,347	14,652	15,041	15,059	15,155	14,977
LOCAL	20,418	20,562	16,267	21,860	19,777	22,718	22,957	17,128	23,760	21,641
MISCELLANEOUS EMPLOYMENT	515	663	967	510	664	480	746	975	676	719
TOTAL	153,130	165,004	172,551	162,310	163,249	155,297	168,817	175,644	165,866	166,406

FORECAST PERIODS ARE: POPULATION (1981:3 TO 1985:4)
LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1981:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION
PAPER AND PULP EMPLOYMENT FOR 1978:4, 1979:1 IS ESTIMATED.

BASE CASE FORECAST, NOVEMBER 1982

TABLE I
STATE OF ALASKA
POPULATION, LABOR FORCE, AND EMPLOYMENT

POPULATION AND LABOR FORCE (THOUSANDS, NOT SEASONALLY ADJUSTED)

	1980:1	1980:2	1980:3	1980:4	ANNUAL AVERAGE 1980	1981:1	1981:2	1981:3	1981:4	ANNUAL AVERAGE 1981
POPULATION (TRENDED)	402.3	400.5	408.2	411.6	405.6	415.1	418.6	422.1	424.8	420.2
LABOR FORCE (CPS BASIS)	173.5	191.3	197.1	186.1	187.0	180.2	191.6	202.5	193.7	192.0
EMPLOYMENT (CPS BASIS)	154.7	171.7	180.7	169.0	169.0	160.4	173.9	186.1	175.6	174.0
UNEMPLOYMENT (CPS BASIS)	18.8	19.6	16.4	17.2	18.0	19.8	17.7	16.4	18.1	18.0
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	10.8	10.3	8.3	9.2	9.7	11.0	9.3	8.1	9.4	9.4

NOTE: CPS = CURRENT POPULATION SURVEY

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	5,957	6,440	6,879	6,794	6,518	7,387	7,785	7,969	7,782	7,731
CONTRACT CONSTRUCTION (SIC 15-17)	7,311	10,474	14,044	11,044	10,718	8,814	13,208	17,038	12,304	12,841
MANUFACTURING (SIC 20,22-39)	9,767	14,331	20,404	12,236	14,185	9,286	13,868	18,614	10,929	13,174
LOGGING AND SAWMILLS (SIC 241-242)	1,694	2,769	2,806	2,110	2,345	1,377	2,150	2,233	1,754	1,879
PAPER AND PULP PRODUCTS (SIC 26)	1,033	1,025	1,086	1,025	1,042	980	1,088	1,107	951	1,031
FISH AND SEAFOOD PROCESSING (SIC 209)	4,172	7,376	12,961	5,825	7,584	3,978	7,281	12,504	5,128	7,223
OTHER MANUFACTURING	2,868	3,161	3,551	3,276	3,214	2,951	3,349	2,770	3,096	3,041
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	16,056	17,320	18,271	17,627	17,319	16,487	17,788	19,268	18,260	17,951
TRUCKING (SIC 421)	1,713	1,901	2,019	1,797	1,858	1,883	2,077	2,217	2,055	2,058
WATER TRANSPORTATION (SIC 44)	1,110	1,478	1,596	1,315	1,375	1,084	1,463	1,676	1,423	1,412
AIR TRANSPORTATION (SIC 45)	4,914	5,313	5,555	5,338	5,280	5,049	5,540	5,906	5,620	5,529
OTHER TRANSPORTATION	2,747	2,877	3,231	2,933	2,947	2,754	2,977	3,323	3,211	3,066
COMMUNICATIONS (SIC 48)	4,246	4,401	4,461	4,464	4,393	4,428	4,509	4,611	4,439	4,497
PUBLIC UTILITIES (SIC 49)	1,326	1,350	1,409	1,391	1,369	1,389	1,440	1,523	1,511	1,466
WHOLESALE TRADE (SIC 50-51)	5,163	5,482	5,768	5,509	5,481	5,292	5,677	5,952	5,564	5,621
RETAIL TRADE (SIC 52-59)	21,890	23,719	25,635	24,942	24,047	23,419	24,712	26,186	25,795	25,028
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	7,665	7,731	7,939	7,794	7,782	7,654	7,884	8,214	8,186	7,985
SERVICES (SIC 70-89)	27,715	30,263	31,389	29,311	29,670	29,127	31,130	32,715	31,178	31,038
GOVERNMENT	53,890	54,938	50,506	56,556	53,973	55,777	56,828	52,450	58,699	55,939
FEDERAL	16,871	18,372	18,596	17,905	17,936	17,317	18,161	18,715	18,076	18,067
STATE	15,032	15,078	15,202	15,967	15,320	15,998	16,312	16,558	17,178	16,512
LOCAL	21,987	21,488	16,708	22,684	20,717	22,462	22,355	17,177	23,445	21,360
MISCELLANEOUS EMPLOYMENT	593	896	1,190	658	834	631	933	1,255	527	836
TOTAL	156,007	171,594	182,025	172,471	170,524	163,874	179,813	189,661	179,224	178,143

FORECAST PERIODS ARE: POPULATION (1981:3 TO 1985:4)
LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1981:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION
SEE APPENDIX DISCUSSION IN THIS REPORT REGARDING ESTIMATION PROCEDURE USED FOR 1980:4-1981:3 NONAGRICULTURAL EMPLOYMENT.

TABLE I
STATE OF ALASKA
POPULATION, LABOR FORCE, AND EMPLOYMENT

POPULATION AND LABOR FORCE (THOUSANDS, NOT SEASONALLY ADJUSTED)

	1982:1	1982:2	1982:3	1982:4	ANNUAL AVERAGE 1982	1983:1	1983:2	1983:3	1983:4	ANNUAL AVERAGE 1983
POPULATION (TRENDED)	428.3	432.1	434.7	438.3	433.4	440.9	442.7	444.4	446.0	443.5
LABOR FORCE (CPS BASIS)	194.8	203.7	209.3	206.3	203.5	202.1	211.9	216.8	211.7	210.6
EMPLOYMENT (CPS BASIS)	172.8	182.9	192.5	186.7	183.7	179.3	189.7	199.1	191.2	189.8
UNEMPLOYMENT (CPS BASIS)	22.0	20.9	16.8	19.5	19.8	22.8	22.2	17.8	20.5	20.8
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	11.3	10.3	8.0	9.5	9.8	11.3	10.5	8.2	9.7	9.9
NOTE: CPS = CURRENT POPULATION SURVEY										
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)										
MINING (SIC 10-14)	8,043	8,483	8,798	8,479	8,451	8,724	8,973	9,432	9,099	9,057
CONTRACT CONSTRUCTION (SIC 15-17)	11,196	16,873	18,855	15,417	15,585	11,839	15,728	18,066	14,883	15,129
MANUFACTURING (SIC 20,22-39)	8,437	11,784	16,460	10,245	11,731	8,778	12,889	17,490	10,509	12,417
LOGGING AND SAWMILLS (SIC 241-242)	1,068	1,751	1,881	1,419	1,530	1,037	1,784	1,938	1,443	1,550
PAPER AND PULP PRODUCTS (SIC 26)	996	1,242	1,228	1,129	1,149	1,169	1,252	1,241	1,146	1,202
FISH AND SEAFOOD PROCESSING (SIC 209)	3,272	5,298	9,660	4,281	5,628	3,411	6,297	10,555	4,456	6,180
OTHER MANUFACTURING	3,101	3,493	3,691	3,417	3,425	3,161	3,557	3,756	3,463	3,484
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	17,339	18,563	19,853	18,919	18,669	17,823	18,967	20,234	19,186	19,052
TRUCKING (SIC 421)	2,245	2,525	2,495	2,221	2,371	2,305	2,423	2,529	2,218	2,369
WATER TRANSPORTATION (SIC 44)	1,119	1,362	1,703	1,470	1,413	1,160	1,413	1,727	1,454	1,439
AIR TRANSPORTATION (SIC 45)	5,215	5,647	5,908	5,799	5,642	5,428	5,876	6,149	6,035	5,872
OTHER TRANSPORTATION	2,872	2,972	3,575	3,351	3,192	2,879	3,015	3,482	3,263	3,160
COMMUNICATIONS (SIC 48)	4,407	4,506	4,570	4,528	4,503	4,526	4,644	4,705	4,639	4,628
PUBLIC UTILITIES (SIC 49)	1,482	1,552	1,602	1,550	1,546	1,525	1,597	1,641	1,577	1,585
WHOLESALE TRADE (SIC 50-51)	5,952	6,499	6,470	6,135	6,264	6,059	6,326	6,586	6,199	6,292
RETAIL TRADE (SIC 52-59)	24,012	25,796	27,739	27,045	26,148	25,920	27,298	28,301	27,299	27,205
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	8,212	8,635	8,966	8,799	8,653	8,604	8,624	8,866	8,525	8,655
SERVICES (SIC 70-89)	30,308	32,551	33,668	32,379	32,227	31,606	33,506	34,588	33,102	33,200
GOVERNMENT	58,655	59,613	54,399	60,196	58,216	59,256	59,885	54,402	59,889	58,358
FEDERAL	17,179	18,072	18,778	18,054	18,021	17,207	17,770	18,555	17,878	17,853
STATE	17,148	17,163	17,292	17,464	17,267	17,388	17,476	17,547	17,689	17,525
LOCAL	24,328	24,378	18,329	24,678	22,928	24,661	24,639	18,300	24,322	22,981
MISCELLANEOUS EMPLOYMENT	402	643	1,095	537	669	415	663	1,128	553	690
TOTAL	172,555	189,440	196,303	188,152	186,612	179,024	192,859	199,093	189,244	190,055

FORECAST PERIODS ARE: POPULATION (1981:3 TO 1985:4)
LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1981:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

TABLE I
STATE OF ALASKA
POPULATION, LABOR FORCE, AND EMPLOYMENT

POPULATION AND LABOR FORCE (THOUSANDS, NOT SEASONALLY ADJUSTED)

	1984:1	1984:2	1984:3	1984:4	ANNUAL AVERAGE 1984	1985:1	1985:2	1985:3	1985:4	ANNUAL AVERAGE 1985
POPULATION (TRENDED)	448.0	450.6	453.0	454.9	451.6	458.1	461.4	464.3	467.2	462.8
LABOR FORCE (CPS BASIS)	208.9	220.5	223.2	217.4	217.5	217.6	227.5	229.0	223.9	224.5
EMPLOYMENT (CPS BASIS)	185.1	197.2	204.9	196.3	195.9	192.9	203.7	210.4	202.3	202.3
UNEMPLOYMENT (CPS BASIS)	23.8	23.3	18.3	21.1	21.6	24.7	23.8	18.6	21.6	22.2
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	11.4	10.6	8.2	9.7	10.0	11.4	10.5	8.1	9.6	9.9

NOTE: CPS = CURRENT POPULATION SURVEY

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	9,322	9,931	10,212	9,943	9,852	10,331	10,687	11,023	10,722	10,691
CONTRACT CONSTRUCTION (SIC 15-17)	13,534	16,854	19,002	14,028	15,855	15,474	18,628	19,809	15,523	17,359
MANUFACTURING (SIC 20,22-39)	9,226	13,724	18,171	11,348	13,118	9,708	14,256	18,821	11,966	13,688
LOGGING AND SAWMILLS (SIC 241-242)	1,123	1,951	2,156	1,681	1,728	1,382	2,272	2,517	2,053	2,056
PAPER AND PULP PRODUCTS (SIC 26)	1,268	1,394	1,359	1,243	1,316	1,293	1,393	1,388	1,276	1,337
FISH AND SEAFOOD PROCESSING (SIC 209)	3,587	6,721	10,791	4,861	6,490	3,687	6,821	10,932	4,961	6,601
OTHER MANUFACTURING	3,248	3,658	3,864	3,563	3,583	3,345	3,770	3,984	3,676	3,694
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	18,241	19,283	20,810	19,840	19,544	18,892	19,970	21,564	20,509	20,234
TRUCKING (SIC 421)	2,295	2,511	2,625	2,394	2,457	2,447	2,669	2,791	2,482	2,597
WATER TRANSPORTATION (SIC 44)	1,148	1,400	1,736	1,483	1,442	1,175	1,436	1,781	1,520	1,478
AIR TRANSPORTATION (SIC 45)	5,649	6,115	6,399	6,280	6,111	5,879	6,364	6,659	6,535	6,359
OTHER TRANSPORTATION	2,987	2,919	3,608	3,359	3,218	3,103	3,018	3,726	3,471	3,329
COMMUNICATIONS (SIC 48)	4,621	4,729	4,792	4,736	4,720	4,729	4,852	4,928	4,880	4,847
PUBLIC UTILITIES (SIC 49)	1,541	1,607	1,651	1,588	1,597	1,559	1,631	1,680	1,621	1,623
WHOLESALE TRADE (SIC 50-51)	6,131	6,511	6,797	6,494	6,483	6,455	6,872	7,184	6,672	6,796
RETAIL TRADE (SIC 52-59)	26,485	28,479	29,770	28,855	28,397	27,911	30,124	31,850	30,229	30,028
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	8,385	8,493	8,965	8,723	8,641	8,596	8,719	9,224	8,972	8,878
SERVICES (SIC 70-89)	32,653	34,734	35,743	34,094	34,306	34,021	36,121	37,046	35,427	35,654
GOVERNMENT	59,087	60,365	54,320	59,644	58,354	59,584	60,970	54,270	60,113	58,734
FEDERAL	16,934	18,030	18,934	18,253	18,038	17,021	18,211	18,746	18,345	18,081
STATE	17,599	17,713	17,753	17,830	17,724	17,753	17,879	17,955	18,069	17,914
LOCAL	24,554	24,622	17,633	23,562	22,593	24,810	24,880	17,569	23,700	22,740
MISCELLANEOUS EMPLOYMENT	434	694	1,182	580	723	454	726	1,235	606	755
TOTAL	183,500	199,068	204,972	193,549	195,272	191,426	207,073	212,024	200,738	202,815

FORECAST PERIODS ARE: POPULATION (1981:3 TO 1985:4)
LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1981:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

OPTIMISTIC FORECAST, NOVEMBER 1982

TABLE I
STATE OF ALASKA
POPULATION, LABOR FORCE, AND EMPLOYMENT

POPULATION AND LABOR FORCE (THOUSANDS, NOT SEASONALLY ADJUSTED)

	1982:1	1982:2	1982:3	1982:4	ANNUAL AVERAGE 1982	1983:1	1983:2	1983:3	1983:4	ANNUAL AVERAGE 1983
POPULATION (TRENDED)	431.6	442.0	451.3	462.1	446.8	468.1	471.4	474.6	476.6	472.6
LABOR FORCE (CPS BASIS)	194.8	203.7	213.8	214.1	206.6	212.6	224.8	231.8	225.5	223.7
EMPLOYMENT (CPS BASIS)	172.8	182.9	197.1	193.9	186.7	188.0	200.4	212.8	203.5	201.2
UNEMPLOYMENT (CPS BASIS)	22.0	20.9	16.7	20.2	20.0	24.6	24.5	19.0	21.9	22.5
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	11.3	10.3	7.8	9.4	9.7	11.6	10.9	8.2	9.7	10.1

NOTE: CPS = CURRENT POPULATION SURVEY

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	8,193	8,799	9,311	8,901	8,801	9,092	9,478	10,112	9,601	9,571
CONTRACT CONSTRUCTION (SIC 15-17)	11,584	17,686	20,038	16,627	16,484	13,735	17,918	20,492	16,641	17,196
MANUFACTURING (SIC 20,22-39)	9,124	13,352	18,677	11,597	13,187	9,967	14,662	20,592	12,170	14,348
LOGGING AND SAWMILLS (SIC 241-242)	1,172	1,937	2,096	1,648	1,713	1,287	2,050	2,216	1,731	1,821
PAPER AND PULP PRODUCTS (SIC 26)	1,010	1,239	1,238	1,140	1,157	1,182	1,265	1,255	1,158	1,215
FISH AND SEAFOOD PROCESSING (SIC 209)	3,719	6,523	11,452	5,165	6,715	4,098	7,521	13,076	5,536	7,558
OTHER MANUFACTURING	3,223	3,655	3,892	3,643	3,603	3,401	3,826	4,046	3,745	3,754
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	17,760	19,297	20,564	19,688	19,327	18,546	19,866	21,089	19,993	19,873
TRUCKING (SIC 421)	2,412	2,767	2,755	2,518	2,613	2,559	2,655	2,765	2,437	2,604
WATER TRANSPORTATION (SIC 44)	1,157	1,433	1,812	1,573	1,494	1,251	1,540	1,900	1,601	1,573
AIR TRANSPORTATION (SIC 45)	5,319	5,759	6,026	5,915	5,755	5,536	5,994	6,272	6,155	5,989
OTHER TRANSPORTATION	2,935	3,185	3,664	3,440	3,306	2,978	3,247	3,602	3,370	3,299
COMMUNICATIONS (SIC 48)	4,426	4,545	4,629	4,606	4,552	4,623	4,761	4,840	4,789	4,753
PUBLIC UTILITIES (SIC 49)	1,512	1,607	1,677	1,636	1,608	1,599	1,669	1,711	1,641	1,655
WHOLESALE TRADE (SIC 50-51)	6,236	6,851	6,863	6,592	6,636	6,554	6,835	7,107	6,717	6,803
RETAIL TRADE (SIC 52-59)	24,993	26,843	28,872	28,239	27,237	27,156	28,585	29,636	28,645	28,505
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	8,300	8,801	9,153	8,993	8,812	8,814	8,854	9,127	8,799	8,898
SERVICES (SIC 70-89)	30,737	33,263	34,614	33,350	32,991	32,870	35,124	36,537	34,969	34,875
GOVERNMENT	59,363	60,646	55,674	61,537	59,305	61,449	62,402	56,983	62,648	60,871
FEDERAL	17,289	18,232	18,978	18,294	18,198	17,487	18,090	18,915	18,278	18,193
STATE	17,248	17,330	17,502	17,719	17,450	17,688	17,821	17,937	18,124	17,893
LOCAL	24,826	25,084	19,194	25,525	23,657	26,274	26,491	20,131	26,247	24,786
MISCELLANEOUS EMPLOYMENT	420	661	1,113	555	687	435	683	1,148	573	710
TOTAL	176,709	196,198	204,879	196,079	193,466	188,616	204,407	212,824	200,757	201,651

FORECAST PERIODS ARE: POPULATION (1981:3 TO 1985:4)
LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1981:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

OPTIMISTIC FORECAST, NOVEMBER 1982

TABLE I
STATE OF ALASKA
POPULATION, LABOR FORCE, AND EMPLOYMENT

POPULATION AND LABOR FORCE (THOUSANDS, NOT SEASONALLY ADJUSTED)

	1984:1	1984:2	1984:3	1984:4	ANNUAL AVERAGE 1984	1985:1	1985:2	1985:3	1985:4	ANNUAL AVERAGE 1985
POPULATION (TRENDED)	479.7	483.3	486.6	489.6	484.8	495.3	501.3	506.3	511.4	503.6
LABOR FORCE (CPS BASIS)	224.0	237.1	241.7	235.3	234.5	238.2	249.5	252.2	247.0	246.7
EMPLOYMENT (CPS BASIS)	197.8	211.0	221.9	212.2	210.7	210.2	222.1	231.6	222.8	221.7
UNEMPLOYMENT (CPS BASIS)	26.2	26.1	19.9	23.1	23.8	28.0	27.4	20.6	24.1	25.0
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	11.7	11.0	8.2	9.8	10.2	11.8	11.0	8.2	9.8	10.2

NOTE: CPS = CURRENT POPULATION SURVEY

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	9,735	10,476	10,931	10,468	10,403	10,760	11,249	11,759	11,261	11,257
CONTRACT CONSTRUCTION (SIC 15-17)	15,861	19,377	21,959	16,373	18,393	18,318	21,683	23,268	18,323	20,398
MANUFACTURING (SIC 20,22-39)	10,674	15,563	21,105	13,037	15,095	11,483	16,476	22,232	13,986	16,044
LOGGING AND SAWMILLS (SIC 241-242)	1,453	2,305	2,525	2,060	2,086	1,780	2,684	2,940	2,485	2,472
PAPER AND PULP PRODUCTS (SIC 26)	1,291	1,420	1,386	1,267	1,341	1,328	1,433	1,428	1,312	1,375
FISH AND SEAFOOD PROCESSING (SIC 209)	4,423	7,896	13,031	5,861	7,803	4,748	8,271	13,541	6,186	8,186
OTHER MANUFACTURING	3,507	3,942	4,163	3,849	3,865	3,628	4,087	4,323	4,004	4,010
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	18,950	20,165	21,645	20,645	20,351	19,757	21,042	22,614	21,517	21,232
TRUCKING (SIC 421)	2,428	2,654	2,778	2,559	2,605	2,647	2,890	3,021	2,719	2,819
WATER TRANSPORTATION (SIC 44)	1,246	1,525	1,899	1,619	1,572	1,290	1,590	1,980	1,684	1,636
AIR TRANSPORTATION (SIC 45)	5,774	6,240	6,524	6,405	6,236	6,014	6,499	6,794	6,670	6,494
OTHER TRANSPORTATION	3,129	3,189	3,776	3,511	3,401	3,278	3,317	3,932	3,658	3,546
COMMUNICATIONS (SIC 48)	4,763	4,871	4,935	4,878	4,862	4,879	5,014	5,098	5,056	5,012
PUBLIC UTILITIES (SIC 49)	1,610	1,684	1,734	1,672	1,675	1,649	1,732	1,789	1,730	1,725
WHOLESALE TRADE (SIC 50-51)	6,412	6,823	7,134	6,860	6,807	6,849	7,310	7,663	7,169	7,248
RETAIL TRADE (SIC 52-59)	27,925	30,066	31,471	30,677	30,035	29,836	32,243	34,150	32,606	32,209
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	8,685	8,827	9,350	9,135	8,999	9,044	9,210	9,775	9,546	9,394
SERVICES (SIC 70-89)	34,771	37,102	38,407	36,682	36,741	36,922	39,265	40,482	38,781	38,862
GOVERNMENT	62,750	64,129	57,888	63,381	62,037	64,421	65,882	58,844	65,008	63,539
FEDERAL	17,374	18,510	19,454	18,813	18,538	17,621	18,851	19,426	19,065	18,741
STATE	18,079	18,238	18,323	18,445	18,271	18,413	18,584	18,705	18,864	18,642
LOCAL	27,297	27,381	20,111	26,123	25,228	28,387	28,448	20,713	27,079	26,157
MISCELLANEOUS EMPLOYMENT	457	717	1,205	603	746	482	754	1,263	634	783
TOTAL	196,221	213,246	221,095	207,862	209,606	207,872	225,113	232,051	218,831	220,967

FORECAST PERIODS ARE: POPULATION (1981:3 TO 1985:4)
LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1981:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

PESSIMISTIC FORECAST, NOVEMBER 1982

TABLE I
STATE OF ALASKA
POPULATION, LABOR FORCE, AND EMPLOYMENT

POPULATION AND LABOR FORCE (THOUSANDS, NOT SEASONALLY ADJUSTED)

	1982:1	1982:2	1982:3	1982:4	ANNUAL AVERAGE 1982	1983:1	1983:2	1983:3	1983:4	ANNUAL AVERAGE 1983
POPULATION (TRENDED)	426.8	428.6	430.0	431.7	429.3	433.4	434.8	436.1	437.4	435.4
LABOR FORCE (CPS BASIS)	194.8	203.7	207.5	204.0	202.5	198.6	207.2	210.4	206.3	205.7
EMPLOYMENT (CPS BASIS)	172.8	182.9	190.3	184.2	182.5	176.1	185.6	192.6	185.8	185.0
UNEMPLOYMENT (CPS BASIS)	22.0	20.9	17.2	19.8	20.0	22.6	21.7	17.8	20.5	20.6
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	11.3	10.3	8.3	9.7	9.9	11.4	10.5	8.5	9.9	10.1

NOTE: CPS = CURRENT POPULATION SURVEY

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	7,892	8,167	8,283	8,058	8,100	8,356	8,467	8,751	8,597	8,543
CONTRACT CONSTRUCTION (SIC 15-17)	10,803	16,039	17,250	14,127	14,555	10,074	13,454	15,548	13,029	13,026
MANUFACTURING (SIC 20,22-39)	7,766	10,215	14,298	8,978	10,314	7,780	11,235	14,521	8,978	10,628
LOGGING AND SAWMILLS (SIC 241-242)	964	1,565	1,667	1,190	1,346	786	1,518	1,660	1,156	1,280
PAPER AND PULP PRODUCTS (SIC 26)	990	1,213	1,211	1,117	1,133	1,156	1,238	1,228	1,135	1,189
FISH AND SEAFOOD PROCESSING (SIC 209)	2,826	4,073	7,869	3,396	4,541	2,816	5,072	8,034	3,376	4,824
OTHER MANUFACTURING	2,985	3,363	3,552	3,275	3,294	3,021	3,407	3,600	3,312	3,335
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	17,047	18,058	19,427	18,465	18,249	17,341	18,269	19,561	18,514	18,422
TRUCKING (SIC 421)	2,114	2,371	2,342	2,037	2,216	2,119	2,229	2,316	1,996	2,165
WATER TRANSPORTATION (SIC 44)	1,086	1,304	1,615	1,390	1,349	1,085	1,303	1,576	1,324	1,322
AIR TRANSPORTATION (SIC 45)	5,085	5,505	5,761	5,654	5,501	5,292	5,729	5,995	5,884	5,725
OTHER TRANSPORTATION	2,859	2,797	3,513	3,289	3,114	2,808	2,807	3,392	3,181	3,047
COMMUNICATIONS (SIC 48)	4,390	4,474	4,523	4,467	4,464	4,448	4,547	4,591	4,511	4,524
PUBLIC UTILITIES (SIC 49)	1,512	1,607	1,673	1,629	1,605	1,589	1,654	1,691	1,618	1,638
WHOLESALE TRADE (SIC 50-51)	5,689	6,198	6,144	5,755	5,947	5,637	5,867	6,082	5,669	5,814
RETAIL TRADE (SIC 52-59)	23,058	24,823	26,704	25,957	25,135	24,770	26,080	27,015	25,985	25,962
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	8,138	8,540	8,859	8,684	8,555	8,468	8,458	8,662	8,296	8,471
SERVICES (SIC 70-89)	29,927	31,927	32,831	31,628	31,578	30,714	32,391	33,181	31,886	32,043
GOVERNMENT	58,151	58,814	53,444	59,141	57,388	57,647	57,992	52,424	57,803	56,466
FEDERAL	17,069	17,912	18,578	17,814	17,843	16,927	17,450	18,195	17,478	17,513
STATE	17,048	17,000	17,082	17,209	17,085	17,088	17,131	17,157	17,254	17,158
LOCAL	24,034	23,903	17,784	24,118	22,460	23,632	23,411	17,072	23,071	21,796
MISCELLANEOUS EMPLOYMENT	384	625	1,077	519	651	395	643	1,108	533	670
TOTAL	168,853	183,407	188,317	181,312	180,472	171,181	182,856	186,853	179,290	180,045

FORECAST PERIODS ARE: POPULATION (1981:3 TO 1985:4)
LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1981:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

PESSIMISTIC FORECAST, NOVEMBER 1982

TABLE I
STATE OF ALASKA
POPULATION, LABOR FORCE, AND EMPLOYMENT

POPULATION AND LABOR FORCE (THOUSANDS, NOT SEASONALLY ADJUSTED)

	1984:1	1984:2	1984:3	1984:4	ANNUAL AVERAGE 1984	1985:1	1985:2	1985:3	1985:4	ANNUAL AVERAGE 1985
POPULATION (TRENDED)	439.0	440.9	442.8	444.5	441.8	446.6	448.6	450.5	452.5	449.6
LABOR FORCE (CPS BASIS)	202.6	213.3	216.8	211.6	211.1	210.2	220.5	221.5	216.7	217.2
EMPLOYMENT (CPS BASIS)	179.3	190.9	198.2	190.3	189.7	185.9	197.1	202.5	194.8	195.1
UNEMPLOYMENT (CPS BASIS)	23.3	22.5	18.5	21.4	21.4	24.3	23.4	18.9	21.9	22.1
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	11.5	10.5	8.5	10.1	10.2	11.6	10.6	8.6	10.1	10.2

NOTE: CPS = CURRENT POPULATION SURVEY

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	8,910	9,383	9,491	9,416	9,300	9,902	10,123	10,285	10,181	10,123
CONTRACT CONSTRUCTION (SIC 15-17)	10,999	13,903	15,653	11,314	12,967	12,447	15,166	15,956	12,318	13,972
MANUFACTURING (SIC 20,22-39)	7,851	12,009	15,507	9,779	11,287	8,015	12,180	15,620	10,087	11,476
LOGGING AND SAWMILLS (SIC 241-242)	792	1,597	1,787	1,301	1,369	985	1,860	2,094	1,620	1,640
PAPER AND PULP PRODUCTS (SIC 26)	1,246	1,367	1,332	1,219	1,291	1,258	1,353	1,348	1,241	1,300
FISH AND SEAFOOD PROCESSING (SIC 209)	2,736	5,572	8,715	3,881	5,226	2,611	5,397	8,405	3,756	5,042
OTHER MANUFACTURING	3,076	3,473	3,673	3,378	3,400	3,161	3,570	3,774	3,471	3,494
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	17,724	18,864	20,195	19,252	19,009	18,273	19,443	20,822	19,798	19,584
TRUCKING (SIC 421)	2,171	2,369	2,473	2,238	2,313	2,271	2,478	2,584	2,269	2,401
WATER TRANSPORTATION (SIC 44)	1,064	1,297	1,605	1,376	1,336	1,085	1,317	1,627	1,395	1,356
AIR TRANSPORTATION (SIC 45)	5,524	5,990	6,274	6,155	5,986	5,744	6,229	6,524	6,400	6,224
OTHER TRANSPORTATION	2,890	2,962	3,495	3,257	3,151	2,987	3,044	3,592	3,350	3,243
COMMUNICATIONS (SIC 48)	4,491	4,593	4,650	4,592	4,581	4,579	4,691	4,759	4,708	4,684
PUBLIC UTILITIES (SIC 49)	1,584	1,653	1,698	1,634	1,642	1,607	1,685	1,736	1,676	1,676
WHOLESALE TRADE (SIC 50-51)	5,839	6,190	6,444	6,123	6,149	6,069	6,450	6,713	6,189	6,355
RETAIL TRADE (SIC 52-59)	25,085	26,940	28,114	27,102	26,810	26,071	28,103	29,626	27,955	27,939
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	8,124	8,195	8,621	8,355	8,324	8,197	8,284	8,738	8,469	8,422
SERVICES (SIC 70-89)	31,303	33,231	34,005	32,504	32,761	32,251	34,190	34,851	33,398	33,672
GOVERNMENT	56,365	57,521	51,602	56,797	55,571	55,996	57,289	50,799	56,446	55,132
FEDERAL	16,494	17,550	18,414	17,693	17,538	16,421	17,571	18,066	17,625	17,421
STATE	17,119	17,188	17,183	17,215	17,176	17,093	17,174	17,205	17,274	17,187
LOCAL	22,753	22,783	16,004	21,890	20,857	22,483	22,544	15,528	21,547	20,525
MISCELLANEOUS EMPLOYMENT	411	671	1,159	557	700	426	698	1,207	578	727
TOTAL	172,611	186,909	190,790	181,200	182,877	177,648	191,926	194,616	185,420	187,403

FORECAST PERIODS ARE: POPULATION (1981:3 TO 1985:4)
LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1981:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

TABLE II
STATE OF ALASKA
INCOME, PRICES, AND WAGES

INCOME (BILLIONS OF DOLLARS, SEASONALLY ADJUSTED, ANNUAL RATE)

	1978:1	1978:2	1978:3	1978:4	ANNUAL AVERAGE 1978	1979:1	1979:2	1979:3	1979:4	ANNUAL AVERAGE 1979
WAGES AND SALARIES	3.737	3.669	3.652	3.724	3.696	3.765	3.747	3.873	3.966	3.838
PLUS: OTHER LABOR INCOME	0.288	0.283	0.281	0.272	0.281	0.262	0.260	0.266	0.271	0.265
PLUS: PROPRIETORS' INCOME	0.213	0.216	0.218	0.219	0.217	0.205	0.199	0.209	0.216	0.207
PLUS: PROPERTY INCOME	0.319	0.327	0.341	0.359	0.337	0.382	0.399	0.422	0.444	0.412
PLUS: TRANSFER PAYMENTS	0.349	0.357	0.392	0.374	0.368	0.352	0.360	0.392	0.380	0.371
PLUS: RESIDENCE ADJUSTMENT	-0.318	-0.307	-0.307	-0.302	-0.308	-0.277	-0.276	-0.289	-0.296	-0.285
LESS: EMPLOYEE CONTRIBUTIONS SOC INS	0.237	0.225	0.223	0.219	0.226	0.237	0.236	0.243	0.244	0.240
EQUALS: PERSONAL INCOME, RESIDENCE BASIS	4.316	4.253	4.278	4.408	4.314	4.425	4.423	4.572	4.731	4.538

CONSUMER PRICE INDICES-ANCHORAGE (1967=1.000)

APPAREL AND UPKEEP	1.546	1.581	1.594	1.612	1.583	1.578	1.579	1.642	1.689	1.622
FOOD AND BEVERAGES	2.115	2.211	2.248	2.294	2.217	2.385	2.425	2.485	2.519	2.453
ENTERTAINMENT	1.838	1.874	1.885	1.902	1.874	1.903	1.896	1.927	1.973	1.925
HOUSING	1.762	1.791	1.882	1.931	1.841	1.982	2.027	2.093	2.131	2.058
TRANSPORTATION	1.687	1.750	1.792	1.822	1.763	1.844	1.906	1.995	2.052	1.949
MEDICAL CARE	2.237	2.248	2.310	2.352	2.287	2.442	2.491	2.499	2.535	2.492
OTHER GOODS AND SERVICES	1.758	1.790	1.825	1.855	1.807	1.884	1.917	1.952	1.995	1.937
ALL ITEMS	1.800	1.843	1.909	1.950	1.875	1.996	2.037	2.103	2.144	2.070

AVERAGE HOURLY EARNINGS (DOLLARS, SEASONALLY ADJUSTED)

MINING	15.15	14.79	14.60	15.67	15.05	16.68	17.39	17.74	18.86	17.67
CONTRACT CONSTRUCTION	18.28	18.12	17.84	18.66	18.22	18.67	18.73	18.93	18.62	18.74
MANUFACTURING (AEIRS DEFINITION)	10.91	10.91	11.03	11.58	11.11	11.99	11.67	11.51	12.47	11.91
WHOLESALE TRADE	8.38	8.68	8.98	9.06	8.78	9.28	9.57	9.83	9.78	9.62
RETAIL TRADE*	7.05	7.36	7.05	7.56	7.26	7.39	7.51	7.68	7.73	7.58

FORECAST PERIODS ARE: INCOME (1982:2 TO 1985:4)
PRICES (1982:3 TO 1985:4)
EARNINGS (1982:3 TO 1985:4)

*EXCEPT EATING AND DRINKING PLACES
CPI'S ARE FOR ALL URBAN CONSUMERS.

BASE CASE FORECAST, NOVEMBER 1982

TABLE II
STATE OF ALASKA
INCOME, PRICES, AND WAGES

INCOME (BILLIONS OF DOLLARS, SEASONALLY ADJUSTED, ANNUAL RATE)

	1980:1	1980:2	1980:3	1980:4	ANNUAL AVERAGE 1980	1981:1	1981:2	1981:3	1981:4	ANNUAL AVERAGE 1981
WAGES AND SALARIES	4.076	4.178	4.390	4.472	4.279	4.662	4.694	4.889	5.072	4.829
PLUS: OTHER LABOR INCOME	0.280	0.302	0.321	0.323	0.306	0.340	0.345	0.353	0.366	0.351
PLUS: PROPRIETORS' INCOME	0.216	0.208	0.221	0.226	0.218	0.228	0.221	0.221	0.218	0.222
PLUS: PROPERTY INCOME	0.466	0.487	0.498	0.510	0.490	0.540	0.560	0.561	0.566	0.557
PLUS: TRANSFER PAYMENTS	0.395	0.410	0.653	0.700	0.540	0.498	0.517	0.562	0.566	0.536
PLUS: RESIDENCE ADJUSTMENT	-0.304	-0.315	-0.332	-0.335	-0.322	-0.349	-0.351	-0.361	-0.376	-0.359
LESS: EMPLOYEE CONTRIBUTIONS SOC INS	0.253	0.255	0.268	0.266	0.261	0.302	0.301	0.308	0.322	0.308
EQUALS:PERSONAL INCOME,RESIDENCE BASIS	4.833	4.748	4.982	5.303	4.967	5.451	5.659	5.901	6.090	5.775

CONSUMER PRICE INDICES-ANCHORAGE (1967=1.000)

APPAREL AND UPKEEP	1.690	1.759	1.825	1.850	1.781	1.857	1.872	1.858	1.885	1.868
FOOD AND BEVERAGES	2.542	2.588	2.641	2.706	2.619	2.708	2.723	2.779	2.805	2.754
ENTERTAINMENT	2.018	2.073	2.014	2.054	2.040	2.097	2.188	2.230	2.351	2.216
HOUSING	2.203	2.252	2.274	2.342	2.268	2.395	2.415	2.450	2.503	2.441
TRANSPORTATION	2.140	2.210	2.272	2.362	2.246	2.423	2.513	2.578	2.617	2.533
MEDICAL CARE	2.717	2.842	2.884	2.923	2.841	3.016	3.130	3.157	3.223	3.131
OTHER GOODS AND SERVICES	2.034	2.080	2.117	2.145	2.094	2.169	2.204	2.237	2.272	2.221
ALL ITEMS	2.209	2.263	2.297	2.362	2.282	2.406	2.443	2.483	2.530	2.466

AVERAGE HOURLY EARNINGS (DOLLARS, SEASONALLY ADJUSTED)

MINING	18.74	18.89	18.50	17.36	18.37	19.60	20.07	20.36	20.85	20.22
CONTRACT CONSTRUCTION	19.03	19.49	20.87	21.55	20.23	20.49	20.55	21.67	20.97	20.92
MANUFACTURING (AEIRS DEFINITION)	12.48	12.43	12.38	13.69	12.75	13.38	14.12	13.90	14.45	13.96
WHOLESALE TRADE	9.71	10.63	11.41	11.87	10.91	11.44	11.76	11.72	11.65	11.64
RETAIL TRADE*	8.07	8.08	8.24	8.44	8.21	8.82	8.60	8.60	8.75	8.69

FORECAST PERIODS ARE: INCOME (1982:2 TO 1985:4)
PRICES (1982:3 TO 1985:4)
EARNINGS (1982:3 TO 1985:4)

*EXCEPT EATING AND DRINKING PLACES.
TRANSFER PAYMENTS AND TOTAL PERSONAL INCOME FOR 1980:3 AND 1980:4 DIFFER FROM OFFICIAL ESTIMATES BY INCLUSION OF 1979 STATE PERSONAL INCOME TAX REBATES.
CPI'S ARE FOR ALL URBAN CONSUMERS.

TABLE II
STATE OF ALASKA
INCOME, PRICES, AND WAGES

INCOME (BILLIONS OF DOLLARS, SEASONALLY ADJUSTED, ANNUAL RATE)

	1982:1	1982:2	1982:3	1982:4	ANNUAL AVERAGE 1982	1983:1	1983:2	1983:3	1983:4	ANNUAL AVERAGE 1983
WAGES AND SALARIES	5.269	5.316	5.390	5.452	5.357	5.608	5.722	5.816	5.872	5.755
PLUS: OTHER LABOR INCOME	0.389	0.404	0.418	0.431	0.411	0.446	0.460	0.474	0.487	0.467
PLUS: PROPRIETORS' INCOME	0.218	0.246	0.247	0.249	0.240	0.249	0.249	0.250	0.253	0.250
PLUS: PROPERTY INCOME	0.619	0.598	0.616	0.636	0.617	0.654	0.670	0.686	0.703	0.678
PLUS: TRANSFER PAYMENTS	0.558	0.576	1.283	1.290	0.927	0.616	0.621	0.637	0.644	0.630
PLUS: RESIDENCE ADJUSTMENT	-0.391	-0.395	-0.396	-0.398	-0.395	-0.428	-0.475	-0.487	-0.490	-0.470
LESS: EMPLOYEE CONTRIBUTIONS SOC INS	0.346	0.355	0.384	0.391	0.369	0.409	0.441	0.437	0.448	0.434
EQUALS:PERSONAL INCOME,RESIDENCE BASIS	6.316	6.390	7.174	7.269	6.787	6.736	6.807	6.940	7.021	6.876

CONSUMER PRICE INDICES-ANCHORAGE (1967=1.000)

APPAREL AND UPKEEP	1.865	1.905	1.915	1.924	1.902	1.938	1.953	1.968	1.984	1.961
FOOD AND BEVERAGES	2.806	2.826	2.851	2.880	2.841	2.918	2.953	2.991	3.033	2.974
ENTERTAINMENT	2.393	2.425	2.451	2.478	2.437	2.526	2.578	2.627	2.676	2.602
HOUSING	2.557	2.663	2.674	2.713	2.652	2.757	2.801	2.845	2.889	2.823
TRANSPORTATION	2.617	2.625	2.717	2.736	2.674	2.764	2.790	2.817	2.846	2.804
MEDICAL CARE	3.348	3.380	3.457	3.531	3.429	3.606	3.680	3.756	3.833	3.719
OTHER GOODS AND SERVICES	2.294	2.330	2.366	2.401	2.348	2.437	2.474	2.511	2.549	2.493
ALL ITEMS	2.565	2.631	2.671	2.705	2.643	2.745	2.785	2.825	2.866	2.805

AVERAGE HOURLY EARNINGS (DOLLARS, SEASONALLY ADJUSTED)

MINING	20.03	21.27	21.70	22.09	21.27	22.53	22.97	23.41	23.87	23.19
CONTRACT CONSTRUCTION	22.30	23.25	22.95	22.70	22.80	23.64	24.88	24.50	24.50	24.38
MANUFACTURING (AEIRS DEFINITION)	14.72	15.29	15.31	15.59	15.23	16.10	16.08	16.12	16.45	16.19
WHOLESALE TRADE	11.25	11.48	12.00	12.28	11.75	12.49	12.99	13.37	13.42	13.07
RETAIL TRADE*	8.91	9.03	9.27	9.41	9.16	9.53	9.67	9.81	9.95	9.74

FORECAST PERIODS ARE: INCOME (1982:2 TO 1985:4)
PRICES (1982:3 TO 1985:4)
EARNINGS (1982:3 TO 1985:4)

*EXCEPT EATING AND DRINKING PLACES
CPI'S ARE FOR ALL URBAN CONSUMERS.

BASE CASE FORECAST, NOVEMBER 1982

TABLE II
STATE OF ALASKA
INCOME, PRICES, AND WAGES

INCOME (BILLIONS OF DOLLARS, SEASONALLY ADJUSTED, ANNUAL RATE)

	1984:1	1984:2	1984:3	1984:4	ANNUAL AVERAGE 1984	1985:1	1985:2	1985:3	1985:4	ANNUAL AVERAGE 1985
WAGES AND SALARIES	6.326	6.447	6.497	6.458	6.432	7.120	7.163	7.141	7.148	7.143
PLUS: OTHER LABOR INCOME	0.508	0.528	0.546	0.559	0.535	0.586	0.609	0.627	0.642	0.616
PLUS: PROPRIETORS' INCOME	0.253	0.254	0.255	0.257	0.255	0.258	0.259	0.260	0.262	0.259
PLUS: PROPERTY INCOME	0.720	0.739	0.758	0.777	0.749	0.799	0.821	0.843	0.865	0.832
PLUS: TRANSFER PAYMENTS	0.654	0.659	0.675	0.682	0.667	0.690	0.694	0.710	0.718	0.703
PLUS: RESIDENCE ADJUSTMENT	-0.452	-0.453	-0.455	-0.455	-0.454	-0.462	-0.462	-0.462	-0.463	-0.462
LESS: EMPLOYEE CONTRIBUTIONS SOC INS	0.465	0.499	0.499	0.499	0.490	0.547	0.581	0.563	0.565	0.564
EQUALS:PERSONAL INCOME,RESIDENCE BASIS	7.544	7.676	7.777	7.779	7.694	8.444	8.501	8.555	8.607	8.527

CONSUMER PRICE INDICES-ANCHORAGE (1967=1.000)

APPAREL AND UPKEEP	2.000	2.018	2.035	2.053	2.027	2.072	2.090	2.136	2.126	2.106
FOOD AND BEVERAGES	3.078	3.123	3.166	3.211	3.144	3.255	3.300	3.346	3.392	3.323
ENTERTAINMENT	2.712	2.864	2.906	2.941	2.856	2.979	3.016	3.054	3.092	3.035
HOUSING	2.944	2.974	3.012	3.049	2.995	3.088	3.126	3.165	3.205	3.146
TRANSPORTATION	2.906	2.952	3.000	3.048	2.976	3.097	3.146	3.197	3.249	3.172
MEDICAL CARE	3.921	3.990	4.069	4.150	4.033	4.233	4.313	4.394	4.477	4.354
OTHER GOODS AND SERVICES	2.581	2.619	2.659	2.698	2.639	2.739	2.780	2.822	2.864	2.801
ALL ITEMS	2.918	2.959	3.000	3.040	2.979	3.082	3.124	3.167	3.209	3.145

AVERAGE HOURLY EARNINGS (DOLLARS, SEASONALLY ADJUSTED)

MINING	24.42	24.90	25.37	25.84	25.13	26.32	26.81	27.32	27.82	27.07
CONTRACT CONSTRUCTION	24.27	25.12	24.76	24.45	24.65	25.68	26.55	26.18	25.85	26.07
MANUFACTURING (AEIRS DEFINITION)	17.31	17.20	17.23	17.65	17.34	19.53	19.28	19.26	19.77	19.46
WHOLESALE TRADE	13.48	13.85	14.20	14.22	13.94	14.23	14.50	14.74	14.67	14.54
RETAIL TRADE*	10.09	10.28	10.42	10.57	10.34	10.71	10.85	11.00	11.16	10.93

FORECAST PERIODS ARE: INCOME (1982:2 TO 1985:4)
PRICES (1982:3 TO 1985:4)
EARNINGS (1982:3 TO 1985:4)

*EXCEPT EATING AND DRINKING PLACES
CPI'S ARE FOR ALL URBAN CONSUMERS.

BASE CASE FORECAST, NOVEMBER 1982

TABLE III
STATE OF ALASKA
SELECTED FINANCIAL BALANCES AND FLOWS
(MILLIONS OF DOLLARS)

COMMERCIAL AND MUTUAL SAVINGS BANKS

	1978:1	1978:2	1978:3	1978:4	ANNUAL AVERAGE 1978	1979:1	1979:2	1979:3	1979:4	ANNUAL AVERAGE 1979
CASH AND DUE FROM BANKS	213.7	248.3	275.0	249.8	246.7	228.7	228.0	272.4	248.5	244.4
SECURITIES	437.3	465.2	508.9	514.0	481.4	500.1	581.6	694.5	654.7	607.7
LOANS AND DISCOUNTS	1,170.3	1,244.3	1,286.0	1,242.2	1,235.7	1,222.7	1,266.0	1,262.2	1,210.1	1,240.2
OTHER ASSETS	130.3	131.8	128.0	127.0	129.3	130.1	134.7	136.5	135.2	134.1
TOTAL ASSETS	1,951.5	2,089.7	2,198.0	2,133.1	2,093.1	2,081.6	2,210.2	2,365.7	2,248.4	2,226.5
DEMAND DEPOSITS	666.8	733.6	788.5	709.3	724.5	666.2	707.5	762.3	684.1	705.0
TIME DEPOSITS	973.2	1,017.5	1,069.6	1,038.0	1,024.6	1,022.2	1,083.6	1,134.6	1,116.1	1,089.2
OTHER LIABILITIES AND CAPITAL	311.6	338.6	339.9	385.8	344.0	393.2	419.1	468.8	448.1	432.3

SAVINGS AND LOAN ASSOCIATIONS

DEPOSITS,BEGINNING OF QUARTER	216.6	216.3	212.4	219.9	216.3	212.9	211.4	228.3	230.2	220.7
HOLDINGS OF JUMBO CD'S*	42.5	46.2	37.0	44.4	42.5	37.8	38.2	54.7	60.8	47.9
NEW SAVINGS LESS WITHDRAWALS	-8.4	1.6	3.5	-11.3	-3.7	-2.2	8.3	-2.0	3.4	1.9
CHANGE IN MORTGAGE PORTFOLIOS	-1.8	14.0	-5.6	-2.6	1.0	-4.8	4.6	-2.2	-11.6	-3.5
NEW LENDING	16.4	33.6	28.6	26.5	26.3	15.4	22.6	17.5	12.1	16.9
MORTGAGE RATE (%)-SEATTLE	9.5	9.7	10.0	10.2	9.8	10.6	10.7	11.1	11.4	10.9

THE FORECAST PERIOD IS 1982:3 TO 1985:4
*CERTIFICATES OF $100,000 OR MORE

BASE CASE FORECAST, NOVEMBER 1982

TABLE III
STATE OF ALASKA
SELECTED FINANCIAL BALANCES AND FLOWS
(MILLIONS OF DOLLARS)

COMMERCIAL AND MUTUAL SAVINGS BANKS

	1980:1	1980:2	1980:3	1980:4	ANNUAL AVERAGE 1980	1981:1	1981:2	1981:3	1981:4	ANNUAL AVERAGE 1981
CASH AND DUE FROM BANKS	274.2	339.6	401.7	353.8	342.3	429.1	398.9	457.7	419.2	426.2
SECURITIES	640.4	733.9	860.6	871.4	776.6	851.5	870.0	895.3	761.7	844.6
LOANS AND DISCOUNTS	1,159.2	1,110.5	1,174.0	1,143.0	1,146.7	1,143.7	1,177.7	1,277.8	1,251.7	1,212.7
OTHER ASSETS	141.9	147.5	152.2	171.6	153.3	176.2	182.4	186.9	349.8	223.8
TOTAL ASSETS	2,215.8	2,331.5	2,588.5	2,539.8	2,418.9	2,600.5	2,628.9	2,817.7	2,782.4	2,707.4
DEMAND DEPOSITS	638.5	780.1	892.0	785.9	774.1	802.2	839.1	907.1	852.9	850.3
TIME DEPOSITS	1,109.8	1,082.2	1,210.4	1,229.9	1,158.1	1,283.1	1,225.9	1,329.1	1,363.1	1,300.3
OTHER LIABILITIES AND CAPITAL	467.5	469.2	486.1	524.0	486.7	515.2	563.9	581.5	566.4	556.7

SAVINGS AND LOAN ASSOCIATIONS

DEPOSITS,BEGINNING OF QUARTER	232.6	235.7	286.2	333.7	272.0	317.9	353.9	358.7	416.4	361.7
HOLDINGS OF JUMBO CD'S*	70.4	76.0	120.5	157.8	106.2	137.8	180.1	183.9	243.1	186.2
NEW SAVINGS LESS WITHDRAWALS	-7.4	50.8	7.7	19.3	17.6	15.4	30.6	32.6	-29.7	12.2
CHANGE IN MORTGAGE PORTFOLIOS	-1.8	5.3	14.8	-27.2	-2.2	-17.1	4.2	8.4	-10.0	-3.6
NEW LENDING	6.6	22.2	20.3	26.6	18.9	22.5	43.4	49.8	29.6	36.3
MORTGAGE RATE (%)-SEATTLE	12.0	13.7	12.4	13.4	12.9	13.7	14.6	15.6	15.7	14.9

THE FORECAST PERIOD IS 1982:3 TO 1985:4
*CERTIFICATES OF $100,000 OR MORE

BASE CASE FORECAST, NOVEMBER 1982

TABLE III
STATE OF ALASKA
SELECTED FINANCIAL BALANCES AND FLOWS
(MILLIONS OF DOLLARS)

COMMERCIAL AND MUTUAL SAVINGS BANKS

	1982:1	1982:2	1982:3	1982:4	ANNUAL AVERAGE 1982	1983:1	1983:2	1983:3	1983:4	ANNUAL AVERAGE 1983
CASH AND DUE FROM BANKS	577.3	553.7	517.7	506.1	538.7	469.5	493.6	548.7	518.5	507.6
SECURITIES	941.2	977.7	1,150.5	1,095.7	1,041.3	891.8	1,049.3	1,175.9	1,119.0	1,059.0
LOANS AND DISCOUNTS	1,143.7	1,392.4	1,249.1	1,335.2	1,280.1	1,290.8	1,251.2	1,323.1	1,300.4	1,291.4
OTHER ASSETS	320.1	205.6	189.1	203.4	229.6	197.2	199.8	194.6	204.1	198.9
TOTAL ASSETS	2,982.4	3,129.4	3,106.4	3,140.4	3,089.6	2,849.2	2,994.0	3,242.2	3,142.0	3,056.9
DEMAND DEPOSITS	841.6	904.1	1,026.7	979.9	938.1	965.3	1,092.0	1,152.1	1,052.5	1,065.5
TIME DEPOSITS	1,520.3	1,512.2	1,765.6	1,774.7	1,643.2	1,547.1	1,568.4	1,729.8	1,719.1	1,641.1
OTHER LIABILITIES AND CAPITAL	620.5	713.1	314.1	385.8	508.4	336.8	333.5	360.3	370.4	350.3

SAVINGS AND LOAN ASSOCIATIONS

DEPOSITS,BEGINNING OF QUARTER	406.9	405.5	456.4	484.7	438.4	511.8	535.5	561.8	591.0	550.0
HOLDINGS OF JUMBO CD'S*	236.6	226.8	240.4	252.4	239.1	263.3	274.2	287.7	302.5	281.9
NEW SAVINGS LESS WITHDRAWALS	-25.9	7.9	6.7	9.2	-0.5	5.7	5.7	8.6	9.5	7.4
CHANGE IN MORTGAGE PORTFOLIOS	-3.7	7.2	34.7	17.4	13.9	-1.5	44.2	39.2	19.5	25.3
NEW LENDING	7.2	16.9	61.2	65.8	37.8	45.1	95.0	93.4	92.2	81.4
MORTGAGE RATE (%)-SEATTLE	15.6	15.4	14.3	14.3	14.9	13.6	13.5	13.1	13.0	13.3

THE FORECAST PERIOD IS 1982:3 TO 1985:4
*CERTIFICATES OF $100,000 OR MORE

BASE CASE FORECAST, NOVEMBER 1982

TABLE III
STATE OF ALASKA
SELECTED FINANCIAL BALANCES AND FLOWS
(MILLIONS OF DOLLARS)

COMMERCIAL AND MUTUAL SAVINGS BANKS

	1984:1	1984:2	1984:3	1984:4	ANNUAL AVERAGE 1984	1985:1	1985:2	1985:3	1985:4	ANNUAL AVERAGE 1985
CASH AND DUE FROM BANKS	533.9	569.2	642.2	613.0	589.6	577.9	615.0	692.3	661.6	636.7
SECURITIES	1,283.8	1,321.0	1,470.1	1,387.5	1,365.6	1,391.1	1,492.5	1,670.6	1,584.9	1,534.8
LOANS AND DISCOUNTS	1,297.9	1,496.9	1,568.8	1,543.4	1,476.8	1,510.9	1,599.1	1,651.0	1,623.6	1,596.1
OTHER ASSETS	229.8	227.4	211.2	228.2	224.2	245.1	243.9	217.7	240.6	236.8
TOTAL ASSETS	3,345.4	3,614.6	3,892.3	3,772.1	3,656.1	3,724.9	3,950.5	4,231.7	4,110.7	4,004.5
DEMAND DEPOSITS	1,122.3	1,278.7	1,380.1	1,286.6	1,266.9	1,232.6	1,400.0	1,507.5	1,406.5	1,386.7
TIME DEPOSITS	1,845.6	1,905.3	2,064.2	2,032.7	1,962.0	2,047.1	2,077.3	2,242.6	2,214.8	2,145.4
OTHER LIABILITIES AND CAPITAL	377.5	430.5	448.0	452.7	427.2	445.3	473.2	481.6	489.4	472.3

SAVINGS AND LOAN ASSOCIATIONS

DEPOSITS,BEGINNING OF QUARTER	620.7	650.9	684.0	719.1	668.6	755.2	792.2	831.9	873.7	813.2
HOLDINGS OF JUMBO CD'S*	317.7	333.5	350.2	367.7	342.3	386.1	405.4	425.7	447.0	416.0
NEW SAVINGS LESS WITHDRAWALS	18.9	21.7	23.5	24.4	22.1	25.1	27.7	29.7	30.8	28.4
CHANGE IN MORTGAGE PORTFOLIOS	5.4	67.7	60.7	37.7	42.9	7.7	82.1	73.5	48.0	52.8
NEW LENDING	65.2	136.7	135.3	132.7	117.5	79.9	165.9	165.0	162.3	143.3
MORTGAGE RATE (%)-SEATTLE	13.0	12.6	12.6	12.6	12.7	12.6	12.6	12.6	12.6	12.6

THE FORECAST PERIOD IS 1982:3 TO 1985:4
*CERTIFICATES OF $100,000 OR MORE

Notes on Table IV - Accuracy of Data Resources, Inc. Consumer Inflation Rate Forecast

In each quarter of the forecast period, the actual inflation rate (CPI-U), the DRI forecasted inflation rate, and the naively determined forcasted inflation rate were recorded. From these data, we calculated the percentage of error, in the DRI and naive forecasts by quarter. The error as a proportion is the predicted value minus the actual value divided by the actual value. This number is multiplied by 100 to obtain error results in percentage terms. The formula used is 100(P-A)/A, where P is the predicted value of the inflation rate and A is the actual value. The average value of the actual inflation rate is computed for the period covered by the forecast, as are the averages for the DRI and naive forecasts. The average error over the entire forecast period is the root mean square error, in percentage terms. This is probably the most popular way to calculate the average percentage error in a set of predictions when the forecast spans several time periods. By use of this formula, the problem of combining errors that have positive and negative signs is obviated. The formula used is:

$$100[(1/N)\Sigma[(P-A)^2/A^2]]^{\frac{1}{2}}$$

where, as before, P = predicated value, A = actual value,
N = number of observations.

The following are the data sources for DRI forecasted inflation rates for Table IV:

The Data Resources Review of the U.S. Economy, February, May, August, November 1980 issues and February 1981 issue. Data Resources, Inc., Lexington, MA.

Table IV. Detailed Table of

Accuracy of DRI Consumer Inflation Rate (CPIU) Forecasts

Short Term Rates	80:1	80:2	80:3	80:4	81:1	81:2	81:3	81:4	82:1	Average
Actual	16.4	13.5	7.0	11.7	11.2	7.6	11.3	7.5	3.1	9.1
DRI Forecast		10.8	9.8	9.3	8.9	8.7	8.7	8.9	9.0	9.3
% Error, DRI Forecast *		-20.0	40.0	-20.5	-20.5	14.5	-23.0	18.7	190.3	70.8**
"Naive" Forecast		16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
% Error, "Naive" Forecast *		21.5	134.3	40.2	84.3	115.8	45.1	118.7	429.0	215.4**
Actual		13.5	7.0	11.7	11.2	7.6	11.3	7.5	3.1	8.5
DRI Forecast			9.5	8.0	8.3	9.0	9.0	8.8	8.8	8.8
% Error, DRI Forecast *			35.7	-31.6	-25.9	18.4	-20.4	17.3	183.9	73.5**
"Naive" Forecast			13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
% Error, "Naive" Forecast *			92.9	15.4	20.5	77.6	19.5	80.0	335.5	138.7**
Actual			7.0	11.7	11.2	7.6	11.3	7.5	3.1	8.7
DRI Forecast				11.4	10.6	9.0	9.7	9.7	9.8	10.0
% Error, DRI Forecast *				-2.6	-5.4	18.4	-14.2	29.3	216.1	83.6**
"Naive" Forecast				7.0	7.0	7.0	7.0	7.0	7.0	7.0
% Error, "Naive" Forecast *				-40.2	37.5	-7.9	-38.1	-6.7	125.8	58.3**
Actual				11.7	11.2	7.6	11.3	7.5	3.1	8.1
DRI Forecast					12.3	11.2	10.3	10.2	9.7	10.7
% Error, DRI Forecast *					9.8	47.4	-8.9	36.0	212.9	99.0**
"Naive" Forecast					11.7	11.7	11.7	11.7	11.7	11.7
% Error, "Naive" Forecast *					4.5	54.0	3.5	56.0	277.4	128.9**

* Percentage error - 100X(forecast value - actual value)/actual value, for each quarter's data.

** Root Mean Square Error, in percentage terms, under the column labeled Average.

NOVEMBER FORECAST

TABLE I
ANCHORAGE CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

ANCHORAGE CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1978:1	1978:2	1978:3	1978:4	ANNUAL AVERAGE 1978	1979:1	1979:2	1979:3	1979:4	ANNUAL AVERAGE 1979
LABOR FORCE (CPS BASIS)	79,217	83,604	83,368	82,545	82,184	77,166	80,459	82,601	79,995	80,055
EMPLOYMENT (CPS BASIS)	72,126	76,437	77,040	76,136	75,435	70,695	74,149	77,280	74,300	74,106
UNEMPLOYMENT (CPS BASIS)	7,091	7,167	6,328	6,409	6,749	6,470	6,310	5,354	5,695	5,957
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	9.0	8.6	7.6	7.8	8.2	8.4	7.8	6.5	7.1	7.5

NOTE: CPS = CURRENT POPULATION SURVEY

ANCHORAGE CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	1,931	1,919	1,863	1,782	1,874	1,840	1,867	2,172	2,055	1,984
CONTRACT CONSTRUCTION (SIC 15-17)	5,585	6,392	7,589	6,159	6,431	4,471	5,662	7,117	5,690	5,735
MANUFACTURING (SIC 20,22-39)	1,450	1,642	2,134	1,505	1,683	1,393	1,709	2,124	1,714	1,735
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	7,510	8,114	8,437	7,635	7,924	7,587	8,024	8,412	8,117	8,035
TRUCKING & WAREHOUSING (SIC 42)	1,211	1,336	1,561	1,133	1,310	1,021	1,160	1,226	1,043	1,113
WATER TRANSPORTATION (SIC 44)	195	495	330	358	345	269	369	344	328	328
AIR TRANSPORTATION (SIC 45)	2,442	2,544	2,852	2,758	2,649	2,705	2,973	3,213	3,140	3,008
OTHER TRANSPORTATION	1,602	1,597	1,497	1,268	1,491	1,437	1,367	1,385	1,389	1,395
COMMUNICATIONS (SIC 48)	1,515	1,562	1,579	1,545	1,550	1,584	1,563	1,603	1,631	1,595
PUBLIC UTILITIES (SIC 49)	545	580	618	573	579	571	592	641	586	598
WHOLESALE TRADE (SIC 50-51)	4,086	4,212	4,304	4,184	4,197	3,946	4,061	4,081	3,958	4,012
RETAIL TRADE (SIC 52-59)	12,376	12,659	12,690	12,948	12,668	12,590	13,157	13,229	13,142	13,030
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	4,821	5,004	5,151	5,098	5,019	4,900	4,910	4,861	4,904	4,894
SERVICES (SIC 70-89)	15,040	15,506	16,081	15,503	15,533	15,288	15,129	15,664	15,141	15,306
GOVERNMENT	21,203	21,315	19,823	22,109	21,113	22,083	22,510	20,782	23,266	22,160
FEDERAL	9,711	9,839	10,090	9,748	9,847	9,672	9,633	9,993	9,733	9,758
STATE	4,348	4,461	4,532	4,867	4,552	4,725	4,700	4,644	4,913	4,746
LOCAL	7,144	7,015	5,201	7,494	6,714	7,686	8,177	6,145	8,620	7,657
MISCELLANEOUS EMPLOYMENT	337	471	554	453	454	421	658	751	622	613
TOTAL	74,339	77,234	78,626	77,376	76,894	74,519	77,687	79,193	78,609	77,502

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

NOVEMBER FORECAST

TABLE I
ANCHORAGE CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

ANCHORAGE CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1980:1	1980:2	1980:3	1980:4	ANNUAL AVERAGE 1980	1981:1	1981:2	1981:3	1981:4	ANNUAL AVERAGE 1981
LABOR FORCE (CPS BASIS)	77,409	82,477	85,290	81,413	81,647	79,476	84,625	90,931	89,224	86,064
EMPLOYMENT (CPS BASIS)	71,098	76,090	79,635	75,638	75,616	72,915	78,731	84,817	83,026	79,873
UNEMPLOYMENT (CPS BASIS)	6,311	6,387	5,652	5,775	6,031	6,228	5,893	6,113	6,197	6,108
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	8.2	7.7	6.6	7.1	7.4	7.8	7.0	6.7	6.9	7.1

NOTE: CPS = CURRENT POPULATION SURVEY

ANCHORAGE CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	2,439	2,488	2,915	2,492	2,583	2,736	2,779	3,105	2,880	2,875
CONTRACT CONSTRUCTION (SIC 15-17)	4,288	5,762	7,190	6,309	5,887	5,023	6,907	8,918	6,777	6,906
MANUFACTURING (SIC 20,22-39)	1,443	1,692	2,532	1,683	1,837	1,464	1,763	2,208	1,580	1,754
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	7,794	7,905	8,318	8,298	8,079	7,830	8,227	8,784	8,425	8,317
TRUCKING & WAREHOUSING (SIC 42)	986	1,036	1,180	1,037	1,060	991	1,105	1,225	1,045	1,092
WATER TRANSPORTATION (SIC 44)	251	375	315	352	323	233	365	346	354	325
AIR TRANSPORTATION (SIC 45)	3,103	2,900	3,046	3,115	3,041	2,659	2,822	2,995	3,151	2,907
OTHER TRANSPORTATION	1,317	1,356	1,468	1,291	1,358	1,720	1,695	1,828	1,353	1,549
COMMUNICATIONS (SIC 48)	1,596	1,694	1,727	1,843	1,715	1,667	1,658	1,760	1,857	1,736
PUBLIC UTILITIES (SIC 49)	541	544	582	660	582	561	582	629	664	609
WHOLESALE TRADE (SIC 50-51)	3,783	4,027	4,230	4,119	4,040	3,952	4,164	4,318	4,159	4,148
RETAIL TRADE (SIC 52-59)	12,122	12,687	13,324	13,649	12,945	12,970	13,368	13,996	13,979	13,578
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	4,985	4,923	4,900	4,924	4,933	4,889	4,994	5,050	5,134	5,017
SERVICES (SIC 70-89)	15,424	16,682	17,182	15,948	16,309	16,215	16,580	17,484	16,555	16,709
GOVERNMENT	21,458	21,969	20,356	22,000	21,446	21,568	21,769	20,400	22,131	21,467
FEDERAL	9,286	9,769	9,966	9,360	9,595	9,294	9,593	9,717	9,212	9,454
STATE	4,834	4,800	4,907	5,161	4,925	5,260	5,193	5,248	5,614	5,329
LOCAL	7,338	7,400	5,483	7,480	6,925	7,014	6,982	5,434	7,305	6,684
MISCELLANEOUS EMPLOYMENT	530	789	804	564	672	522	788	896	452	665
TOTAL	74,266	78,924	81,751	79,985	78,732	77,170	81,341	85,159	82,073	81,436

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1985:4)

NOVEMBER FORECAST

TABLE I
ANCHORAGE CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

ANCHORAGE CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1982:1	1982:2	1982:3	1982:4	ANNUAL AVERAGE 1982	1983:1	1983:2	1983:3	1983:4	ANNUAL AVERAGE 1983
LABOR FORCE (CPS BASIS)	88,767	88,148	92,556	93,236	90,677	87,163	90,296	94,463	94,402	91,581
EMPLOYMENT (CPS BASIS)	81,519	81,288	87,545	86,842	84,298	80,050	83,064	89,209	87,763	85,021
UNEMPLOYMENT (CPS BASIS)	7,248	6,860	5,011	6,394	6,378	7,113	7,232	5,254	6,639	6,560
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	8.2	7.8	5.4	6.9	7.1	8.2	8.0	5.6	7.0	7.2

NOTE: CPS = CURRENT POPULATION SURVEY

ANCHORAGE CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	3,075	3,132	3,420	3,243	3,218	3,437	3,437	3,776	3,576	3,556
CONTRACT CONSTRUCTION (SIC 15-17)	6,177	8,357	10,110	8,154	8,200	6,400	7,765	9,575	7,602	7,836
MANUFACTURING (SIC 20,22-39)	1,380	1,614	2,082	1,512	1,647	1,407	1,691	2,141	1,539	1,694
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	8,001	8,362	8,881	8,533	8,444	8,078	8,434	8,946	8,588	8,512
TRUCKING & WAREHOUSING (SIC 42)	1,002	1,113	1,231	1,051	1,099	1,006	1,118	1,236	1,055	1,104
WATER TRANSPORTATION (SIC 44)	235	368	348	356	327	236	369	349	358	328
AIR TRANSPORTATION (SIC 45)	2,704	2,856	3,021	3,179	2,940	2,723	2,876	3,038	3,196	2,958
OTHER TRANSPORTATION	1,810	1,768	1,879	1,412	1,717	1,854	1,805	1,912	1,437	1,752
COMMUNICATIONS (SIC 48)	1,684	1,670	1,769	1,867	1,748	1,691	1,677	1,776	1,874	1,754
PUBLIC UTILITIES (SIC 49)	567	586	632	668	613	569	589	635	670	616
WHOLESALE TRADE (SIC 50-51)	4,349	4,634	4,614	4,505	4,526	4,418	4,547	4,685	4,551	4,550
RETAIL TRADE (SIC 52-59)	13,325	13,755	14,640	14,768	14,122	14,450	14,355	14,537	14,404	14,437
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	5,259	5,466	5,517	5,520	5,440	5,462	5,393	5,397	5,287	5,384
SERVICES (SIC 70-89)	16,730	17,104	17,958	16,990	17,196	17,079	17,165	18,064	16,989	17,324
GOVERNMENT	21,874	22,100	20,682	22,046	21,675	21,585	21,804	20,424	21,634	21,362
FEDERAL	9,091	9,381	9,553	9,016	9,260	8,936	9,193	9,381	8,872	9,095
STATE	5,632	5,555	5,660	5,782	5,657	5,810	5,778	5,882	6,012	5,870
LOCAL	7,151	7,165	5,469	7,248	6,758	6,839	6,833	5,161	6,750	6,396
MISCELLANEOUS EMPLOYMENT	332	543	782	461	529	343	560	806	474	546
TOTAL	80,502	85,068	88,686	85,732	84,997	82,660	85,151	88,352	84,643	85,201

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

NOVEMBER FORECAST

TABLE I
ANCHORAGE CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

ANCHORAGE CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1984:1	1984:2	1984:3	1984:4	ANNUAL AVERAGE 1984	1985:1	1985:2	1985:3	1985:4	ANNUAL AVERAGE 1985
LABOR FORCE (CPS BASIS)	87,913	92,083	95,720	96,105	92,955	89,994	93,630	97,589	97,677	94,722
EMPLOYMENT (CPS BASIS)	80,712	84,677	90,436	89,324	86,287	82,697	86,217	92,296	90,888	88,024
UNEMPLOYMENT (CPS BASIS)	7,201	7,406	5,285	6,781	6,668	7,297	7,413	5,293	6,789	6,698
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	8.2	8.0	5.5	7.1	7.2	8.1	7.9	5.4	7.0	7.1

NOTE: CPS = CURRENT POPULATION SURVEY

ANCHORAGE CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

MINING (SIC 10-14)	3,789	3,879	4,200	3,994	3,965	4,289	4,316	4,672	4,442	4,429
CONTRACT CONSTRUCTION (SIC 15-17)	6,431	7,901	9,648	7,430	7,853	6,964	8,426	10,071	8,016	8,369
MANUFACTURING (SIC 20,22-39)	1,445	1,739	2,173	1,605	1,740	1,478	1,763	2,199	1,644	1,771
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	8,143	8,464	9,024	8,700	8,583	8,227	8,551	9,116	8,784	8,670
TRUCKING & WAREHOUSING (SIC 42)	1,009	1,118	1,240	1,061	1,107	1,012	1,122	1,245	1,065	1,111
WATER TRANSPORTATION (SIC 44)	237	369	351	360	329	238	371	352	361	330
AIR TRANSPORTATION (SIC 45)	2,739	2,882	3,058	3,227	2,976	2,759	2,903	3,080	3,248	2,998
OTHER TRANSPORTATION	1,892	1,828	1,957	1,492	1,792	1,944	1,881	2,011	1,542	1,845
COMMUNICATIONS (SIC 48)	1,696	1,678	1,782	1,885	1,760	1,702	1,683	1,788	1,891	1,766
PUBLIC UTILITIES (SIC 49)	570	589	637	675	618	572	591	639	677	620
WHOLESALE TRADE (SIC 50-51)	4,467	4,658	4,808	4,729	4,665	4,659	4,862	5,021	4,838	4,845
RETAIL TRADE (SIC 52-59)	14,324	14,805	15,150	15,211	14,872	15,132	15,716	16,340	15,933	15,780
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	5,251	5,284	5,407	5,388	5,333	5,374	5,413	5,549	5,530	5,466
SERVICES (SIC 70-89)	17,083	17,327	18,214	17,218	17,460	17,417	17,596	18,509	17,513	17,759
GOVERNMENT	21,168	21,460	20,026	21,134	20,947	20,837	21,126	19,703	20,811	20,619
FEDERAL	8,749	9,065	9,261	8,769	8,961	8,592	8,905	9,055	8,600	8,788
STATE	6,000	5,959	6,064	6,190	6,053	6,142	6,103	6,232	6,364	6,210
LOCAL	6,419	6,435	4,701	6,175	5,932	6,103	6,119	4,416	5,847	5,621
MISCELLANEOUS EMPLOYMENT	359	587	844	497	572	375	613	882	519	598
TOTAL	82,459	86,102	89,495	85,906	85,990	84,752	88,382	92,061	88,031	88,307

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

TABLE II
FAIRBANKS CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

FAIRBANKS CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1978:1	1978:2	1978:3	1978:4	ANNUAL AVERAGE 1978	1979:1	1979:2	1979:3	1979:4	ANNUAL AVERAGE 1979
LABOR FORCE (CPS BASIS)	21,295	22,648	22,427	20,901	21,818	19,895	21,555	21,815	20,395	20,915
EMPLOYMENT (CPS BASIS)	17,092	18,267	19,007	17,503	17,967	16,706	18,520	19,731	17,925	18,221
UNEMPLOYMENT (CPS BASIS)	4,202	4,381	3,420	3,398	3,850	3,189	3,035	2,084	2,470	2,695
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	19.7	19.3	15.2	16.3	17.6	16.0	14.1	9.6	12.1	12.9

NOTE: CPS = CURRENT POPULATION SURVEY

FAIRBANKS CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	1,672	2,070	2,379	1,720	1,960	1,022	1,452	2,316	1,735	1,631
MANUFACTURING (SIC 20,22-39)	481	523	586	665	564	655	682	853	696	722
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	2,697	2,738	2,921	2,705	2,765	2,504	2,694	2,824	2,512	2,634
TRUCKING & WAREHOUSING (SIC 42)	358	520	630	465	493	365	375	414	338	373
AIR TRANSPORTATION (SIC 45)	695	672	676	668	678	665	767	782	545	690
COMMUNICATIONS (SIC 48)	931	950	969	963	953	1,056	1,056	1,052	1,071	1,059
PUBLIC UTILITIES, OTHER TRANSPORTATION	713	596	646	609	641	418	496	576	558	512
WHOLESALE TRADE (SIC 50-51)	834	804	811	742	798	678	696	757	721	713
RETAIL TRADE (SIC 52-59)	3,070	3,299	3,495	3,233	3,274	3,011	3,131	3,252	3,051	3,111
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	1,189	964	963	898	1,004	887	856	785	721	812
SERVICES (SIC 70-89)	3,722	3,807	4,399	3,826	3,939	3,763	4,082	4,889	4,059	4,198
GOVERNMENT	7,199	7,216	7,046	7,411	7,218	7,355	7,320	6,577	7,643	7,224
FEDERAL	2,311	2,413	2,522	2,369	2,404	2,283	2,261	2,468	2,262	2,319
STATE	2,839	2,768	2,680	2,973	2,815	2,919	2,965	2,939	3,243	3,017
LOCAL	2,049	2,035	1,844	2,069	1,999	2,153	2,094	1,170	2,138	1,889
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	74	97	130	65	92	55	70	91	55	68
TOTAL	20,938	21,518	22,730	21,265	21,613	19,930	20,983	22,344	21,193	21,113

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

TABLE II
FAIRBANKS CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

FAIRBANKS CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1980:1	1980:2	1980:3	1980:4	ANNUAL AVERAGE 1980	1981:1	1981:2	1981:3	1981:4	ANNUAL AVERAGE 1981
LABOR FORCE (CPS BASIS)	19,210	21,019	21,303	20,422	20,489	19,836	20,667	21,693	21,057	20,813
EMPLOYMENT (CPS BASIS)	16,509	18,132	19,192	18,096	17,982	17,213	18,176	19,343	18,422	18,288
UNEMPLOYMENT (CPS BASIS)	2,701	2,887	2,112	2,326	2,506	2,624	2,491	2,351	2,634	2,525
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	14.1	13.7	9.9	11.4	12.3	13.2	12.1	10.8	12.5	12.2

NOTE: CPS = CURRENT POPULATION SURVEY

FAIRBANKS CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	951	1,437	2,357	1,326	1,518	1,206	1,741	2,388	1,442	1,695
MANUFACTURING (SIC 20,22-39)	644	740	494	732	652	628	708	746	867	737
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	2,428	2,693	2,843	2,578	2,636	2,328	2,502	2,590	2,549	2,492
TRUCKING & WAREHOUSING (SIC 42)	340	402	429	346	379	316	361	390	342	352
AIR TRANSPORTATION (SIC 45)	555	676	674	558	616	516	607	613	552	572
COMMUNICATIONS (SIC 48)	1,075	1,087	1,125	1,123	1,102	1,023	999	1,046	1,110	1,044
PUBLIC UTILITIES, OTHER TRANSPORTATION	458	528	615	551	538	472	534	541	545	523
WHOLESALE TRADE (SIC 50-51)	680	640	675	681	669	661	698	719	685	691
RETAIL TRADE (SIC 52-59)	2,792	3,209	3,538	3,089	3,157	2,951	3,202	3,339	3,166	3,165
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	646	683	682	630	660	693	704	693	673	691
SERVICES (SIC 70-89)	3,783	4,026	4,272	3,921	4,000	3,632	3,897	4,444	4,032	4,001
GOVERNMENT	7,499	7,509	6,856	7,750	7,403	7,602	7,553	7,137	8,245	7,634
FEDERAL	2,110	2,354	2,464	2,283	2,303	2,202	2,304	2,428	2,299	2,308
STATE	3,254	3,063	2,976	3,389	3,171	3,363	3,222	3,156	3,819	3,390
LOCAL	2,135	2,092	1,416	2,078	1,930	2,037	2,027	1,553	2,127	1,936
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	62	102	184	65	103	73	102	145	62	95
TOTAL	19,485	21,039	21,901	20,771	20,799	19,773	21,107	22,201	21,722	21,201

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

NOVEMBER FORECAST

TABLE II
FAIRBANKS CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

FAIRBANKS CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1982:1	1982:2	1982:3	1982:4	ANNUAL AVERAGE 1982	1983:1	1983:2	1983:3	1983:4	ANNUAL AVERAGE 1983
LABOR FORCE (CPS BASIS)	21,326	22,939	23,081	22,918	22,566	22,320	22,834	22,565	22,498	22,555
EMPLOYMENT (CPS BASIS)	18,126	20,000	20,871	20,072	19,767	19,390	19,859	20,373	19,667	19,822
UNEMPLOYMENT (CPS BASIS)	3,201	2,939	2,210	2,846	2,799	2,930	2,975	2,192	2,831	2,732
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	15.0	12.8	9.6	12.4	12.5	13.1	13.0	9.7	12.6	12.1

NOTE: CPS = CURRENT POPULATION SURVEY

FAIRBANKS CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	1,627	2,298	2,779	1,881	2,146	1,548	2,025	2,334	1,624	1,883
MANUFACTURING (SIC 20,22-39)	731	917	901	968	880	701	803	815	916	809
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	2,302	2,478	2,554	2,524	2,465	2,272	2,436	2,508	2,475	2,423
TRUCKING & WAREHOUSING (SIC 42)	313	358	385	339	349	309	352	378	332	343
AIR TRANSPORTATION (SIC 45)	511	602	605	547	566	504	591	593	536	556
COMMUNICATIONS (SIC 48)	1,012	989	1,031	1,099	1,033	999	973	1,013	1,078	1,015
PUBLIC UTILITIES, OTHER TRANSPORTATION	467	529	534	540	517	461	520	524	529	509
WHOLESALE TRADE (SIC 50-51)	772	834	800	779	796	785	798	813	784	795
RETAIL TRADE (SIC 52-59)	3,066	3,335	3,501	3,357	3,315	3,218	3,438	3,415	3,248	3,330
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	781	819	802	759	790	817	798	756	695	767
SERVICES (SIC 70-89)	3,664	3,968	4,345	4,041	4,004	3,555	3,736	4,009	3,680	3,745
GOVERNMENT	8,061	8,026	7,553	8,406	8,011	8,112	8,020	7,519	8,322	7,993
FEDERAL	2,175	2,284	2,427	2,287	2,293	2,170	2,226	2,378	2,244	2,254
STATE	3,705	3,556	3,487	3,907	3,664	3,761	3,615	3,525	3,926	3,707
LOCAL	2,181	2,186	1,640	2,213	2,055	2,181	2,179	1,617	2,151	2,032
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	57	86	134	66	86	59	86	134	64	86
TOTAL	21,060	22,761	23,369	22,781	22,493	21,068	22,139	22,301	21,807	21,829

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

TABLE II
FAIRBANKS CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

FAIRBANKS CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1984:1	1984:2	1984:3	1984:4	ANNUAL AVERAGE 1984	1985:1	1985:2	1985:3	1985:4	ANNUAL AVERAGE 1985
LABOR FORCE (CPS BASIS)	22,429	22,936	22,771	22,381	22,629	22,669	23,031	22,711	22,375	22,697
EMPLOYMENT (CPS BASIS)	19,478	19,940	20,568	19,559	19,887	19,705	20,051	20,535	19,577	19,967
UNEMPLOYMENT (CPS BASIS)	2,951	2,995	2,203	2,822	2,743	2,965	2,980	2,176	2,798	2,730
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	13.2	13.1	9.7	12.6	12.1	13.1	12.9	9.6	12.5	12.0

NOTE: CPS = CURRENT POPULATION SURVEY

FAIRBANKS CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	1,713	2,035	2,493	1,543	1,946	1,870	2,152	2,515	1,651	2,047
MANUFACTURING (SIC 20,22-39)	654	740	775	824	748	621	715	747	777	715
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	2,236	2,405	2,468	2,429	2,385	2,205	2,373	2,429	2,394	2,350
TRUCKING & WAREHOUSING (SIC 42)	304	347	372	326	337	300	342	366	321	332
AIR TRANSPORTATION (SIC 45)	496	584	584	526	547	489	576	575	518	539
COMMUNICATIONS (SIC 48)	982	960	997	1,058	999	969	947	981	1,042	985
PUBLIC UTILITIES, OTHER TRANSPORTATION	454	514	516	519	501	448	507	507	512	493
WHOLESALE TRADE (SIC 50-51)	792	823	842	829	821	843	879	900	854	869
RETAIL TRADE (SIC 52-59)	3,245	3,525	3,588	3,414	3,443	3,399	3,706	3,811	3,550	3,616
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	773	763	766	717	755	794	785	791	740	778
SERVICES (SIC 70-89)	3,417	3,605	3,906	3,535	3,616	3,378	3,545	3,809	3,463	3,549
GOVERNMENT	8,050	8,062	7,520	8,271	7,976	8,074	8,101	7,492	8,304	7,993
FEDERAL	2,118	2,253	2,421	2,284	2,269	2,123	2,269	2,380	2,283	2,264
STATE	3,794	3,665	3,564	3,935	3,739	3,828	3,702	3,607	3,991	3,782
LOCAL	2,138	2,144	1,535	2,052	1,967	2,124	2,130	1,505	2,029	1,947
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	60	90	139	65	89	64	95	145	68	93
TOTAL	20,940	22,049	22,497	21,627	21,778	21,249	22,351	22,639	21,800	22,010

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION

NOVEMBER FORECAST

TABLE III
JUNEAU CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

JUNEAU CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1978:1	1978:2	1978:3	1978:4	ANNUAL AVERAGE 1978	1979:1	1979:2	1979:3	1979:4	ANNUAL AVERAGE 1979
LABOR FORCE (CPS BASIS)	8,259	9,302	9,760	8,875	9,049	8,675	9,990	10,596	9,573	9,709
EMPLOYMENT (CPS BASIS)	7,468	8,508	8,976	8,026	8,245	7,872	9,293	10,004	8,896	9,016
UNEMPLOYMENT (CPS BASIS)	791	694	785	849	780	804	697	592	677	692
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	9.6	7.5	8.0	9.6	8.7	9.3	7.0	5.6	7.1	7.2

NOTE: CPS = CURRENT POPULATION SURVEY

JUNEAU CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	283	451	497	420	413	215	360	413	341	332
MANUFACTURING (SIC 20,22-39)	75	100	105	83	91	78	125	123	56	96
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	645	725	804	690	716	678	782	841	750	763
WHOLESALE TRADE (SIC 50-51)	117	120	126	126	122	116	118	118	129	120
RETAIL TRADE (SIC 52-59)	1,149	1,302	1,364	1,313	1,282	1,228	1,392	1,452	1,395	1,367
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	471	480	474	473	475	476	475	468	487	477
SERVICES (SIC 70-89)	1,203	1,312	1,249	1,206	1,243	1,266	1,334	1,271	1,237	1,277
GOVERNMENT	6,046	6,186	5,835	6,000	6,017	5,912	6,232	5,958	5,760	5,966
FEDERAL	1,157	1,242	1,328	1,248	1,244	958	1,273	1,379	1,011	1,155
STATE	3,754	3,827	3,728	3,732	3,760	3,896	3,926	3,823	3,742	3,847
LOCAL	1,135	1,117	779	1,020	1,013	1,058	1,033	756	1,007	964
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	13	28	27	32	25	32	32	33	32	32
TOTAL	10,002	10,704	10,481	10,343	10,383	10,001	10,850	10,677	10,187	10,429

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION
EMPLOYMENT IN MANUFACTURING ESTIMATED FOR 1978:2

NOVEMBER FORECAST

TABLE III
JUNEAU CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

JUNEAU CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1980:1	1980:2	1980:3	1980:4	ANNUAL AVERAGE 1980	1981:1	1981:2	1981:3	1981:4	ANNUAL AVERAGE 1981
LABOR FORCE (CPS BASIS)	9,511	11,344	11,781	10,268	10,726	9,801	10,623	11,153	10,111	10,422
EMPLOYMENT (CPS BASIS)	8,701	10,508	11,079	9,459	9,937	8,985	9,873	10,382	9,296	9,634
UNEMPLOYMENT (CPS BASIS)	809	835	702	809	789	816	750	771	815	788
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	8.5	7.4	6.0	7.9	7.4	8.3	7.1	6.9	8.1	7.6

NOTE: CPS = CURRENT POPULATION SURVEY

JUNEAU CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	224	381	463	364	358	228	380	445	359	353
MANUFACTURING (SIC 20,22-39)	87	84	112	63	87	71	90	87	50	74
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	740	1,039	1,077	916	943	770	948	1,006	943	917
WHOLESALE TRADE (SIC 50-51)	138	150	144	133	141	126	129	135	134	131
RETAIL TRADE (SIC 52-59)	1,336	1,376	1,502	1,478	1,423	1,348	1,468	1,552	1,538	1,477
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	368	408	457	445	420	405	425	429	449	427
SERVICES (SIC 70-89)	1,317	1,448	1,446	1,315	1,381	1,406	1,515	1,468	1,383	1,443
GOVERNMENT	5,990	6,278	5,983	6,097	6,087	6,131	6,457	6,297	6,213	6,275
FEDERAL	1,043	1,470	1,272	1,236	1,255	1,177	1,373	1,442	1,311	1,326
STATE	3,884	3,893	3,883	3,862	3,881	4,008	4,141	4,021	3,938	4,027
LOCAL	1,063	915	828	999	951	945	943	834	964	922
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	25	42	56	51	43	47	55	67	51	55
TOTAL	10,225	11,206	11,240	10,862	10,883	10,531	11,468	11,485	11,120	11,151

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION
EMPLOYMENT IN MANUFACTURING ESTIMATED FOR 1978:2

NOVEMBER FORECAST

TABLE III
JUNEAU CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

JUNEAU CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1982:1	1982:2	1982:3	1982:4	ANNUAL AVERAGE 1982	1983:1	1983:2	1983:3	1983:4	ANNUAL AVERAGE 1983
LABOR FORCE (CPS BASIS)	10,205	10,774	11,078	10,580	10,659	10,889	11,686	12,051	11,165	11,448
EMPLOYMENT (CPS BASIS)	9,260	9,815	10,339	9,628	9,761	9,883	10,618	11,229	10,138	10,467
UNEMPLOYMENT (CPS BASIS)	945	959	739	952	899	1,006	1,067	822	1,027	981
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	9.3	8.9	6.7	9.0	8.5	9.2	9.1	6.8	9.2	8.6

NOTE: CPS = CURRENT POPULATION SURVEY

JUNEAU CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	188	315	361	400	316	280	462	531	441	429
MANUFACTURING (SIC 20,22-39)	61	70	67	46	61	68	83	80	50	70
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	810	991	1,026	977	951	825	994	1,024	965	952
WHOLESALE TRADE (SIC 50-51)	131	135	138	138	135	131	133	139	138	135
RETAIL TRADE (SIC 52-59)	1,350	1,473	1,556	1,649	1,507	1,554	1,683	1,755	1,747	1,685
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	400	429	434	470	433	439	453	455	459	451
SERVICES (SIC 70-89)	1,427	1,536	1,489	1,490	1,485	1,638	1,764	1,714	1,616	1,683
GOVERNMENT	6,220	6,564	6,431	6,333	6,387	6,339	6,636	6,524	6,419	6,480
FEDERAL	1,194	1,401	1,506	1,350	1,363	1,242	1,396	1,519	1,371	1,382
STATE	4,095	4,231	4,108	4,046	4,120	4,209	4,352	4,230	4,165	4,239
LOCAL	931	932	817	937	904	888	888	775	883	859
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	37	45	59	47	47	33	41	56	44	44
TOTAL	10,624	11,559	11,562	11,549	11,324	11,307	12,249	12,277	11,880	11,928

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION
EMPLOYMENT IN MANUFACTURING ESTIMATED FOR 1978:2

NOVEMBER FORECAST

TABLE III
JUNEAU CENSUS DIVISION
LABOR FORCE AND EMPLOYMENT

JUNEAU CENSUS DIVISION LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT, AND UNEMPLOYMENT RATE (NOT SEASONALLY ADJUSTED)

	1984:1	1984:2	1984:3	1984:4	ANNUAL AVERAGE 1984	1985:1	1985:2	1985:3	1985:4	ANNUAL AVERAGE 1985
LABOR FORCE (CPS BASIS)	11,227	12,099	12,419	11,521	11,816	11,220	12,030	12,277	11,436	11,741
EMPLOYMENT (CPS BASIS)	10,182	10,985	11,573	10,454	10,799	10,178	10,931	11,445	10,383	10,734
UNEMPLOYMENT (CPS BASIS)	1,045	1,114	846	1,066	1,018	1,042	1,099	832	1,053	1,007
UNEMPLOYMENT RATE (PERCENT, CPS BASIS)	9.3	9.2	6.8	9.3	8.6	9.3	9.1	6.8	9.2	8.6

NOTE: CPS = CURRENT POPULATION SURVEY

JUNEAU CENSUS DIVISION NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (NOT SEASONALLY ADJUSTED)

CONTRACT CONSTRUCTION (SIC 15-17)	281	455	521	423	420	213	343	394	320	317
MANUFACTURING (SIC 20,22-39)	72	89	84	55	75	77	94	87	59	79
TRANS,COMM,& PUB UTIL (SIC 40-42,44-49)	831	1,000	1,040	982	963	856	1,030	1,068	1,006	990
WHOLESALE TRADE (SIC 50-51)	131	134	140	140	136	133	136	142	141	138
RETAIL TRADE (SIC 52-59)	1,623	1,756	1,829	1,816	1,756	1,599	1,741	1,822	1,796	1,740
FINANCE,INSUR,& REAL ESTATE (SIC 60-67)	416	429	442	452	435	386	399	413	422	405
SERVICES (SIC 70-89)	1,721	1,837	1,788	1,685	1,757	1,710	1,828	1,779	1,669	1,746
GOVERNMENT	6,404	6,811	6,725	6,601	6,635	6,534	6,974	6,816	6,737	6,765
FEDERAL	1,238	1,498	1,653	1,495	1,471	1,296	1,584	1,666	1,562	1,527
STATE	4,327	4,473	4,350	4,283	4,358	4,441	4,592	4,468	4,394	4,474
LOCAL	839	840	722	824	806	797	798	682	781	765
MISCELLANEOUS EMPLOYMENT (INCLUDES MINING)	45	58	75	61	60	49	62	80	66	64
TOTAL	11,525	12,569	12,642	12,216	12,238	11,556	12,607	12,600	12,216	12,245

FORECAST PERIODS ARE: LABOR FORCE (1982:2 TO 1985:4)
NONAGRICULTURAL EMPLOYMENT (1980:4 TO 1985:4)

NOTE: SIC = STANDARD INDUSTRIAL CLASSIFICATION
EMPLOYMENT IN MANUFACTURING ESTIMATED FOR 1978:2